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FIBER ORGANON

Formerly Textile Organon

Volume 61, No. 11 ☐ November 1990

A publication of *Fiber Economics Bureau, Inc.*

Highlights

- 1990 Directory of American Fiber Manufacturers... begins on page 239.
- U.S. Trade Balance in Apparel... begins on page 248.
- Third Quarter 1990 Production, Shipments and Ending Stocks... begins on page 260.

U.S. BALANCE OF TRADE IN APPAREL

On pages 248 through 255 of this issue, we present a new series on the U.S. balance of trade in apparel covering Manufactured Fiber, Cotton & Wool.

This series is based on a study published by the U.S. Department of Agriculture, based on the Harmonized System. There is no comparison with previous series for prior years.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1990 OCT	1990 SEP	% CHG 10/90-9/90	1989 OCT	% CHG 10/90-10/89	YEAR TO DATE 1990	YEAR TO DATE 1989	% CHG YTD 1990-1989
ARTIFICIAL (CELLULOSIC)								
YARN	19.3	17.6	*+9.7*	19.9	*-3.0*	173.6	184.9	*-6.1*
RAYON STAPLE	28.5	25.3	*+12.6*	26.8	*+6.3*	261.2	307.9	*-15.2*
TOTAL ARTIFICIAL (CELL.)	**47.8**	**42.9**	***+11.4***	**46.7**	***+2.4***	**434.8**	**492.8**	***-11.8***
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	28.5	32.5	*-12.3*	28.8	*-1.0*	284.9	304.0	*-6.3*
- CARPET	86.0	80.7	*+6.6*	79.5	*+8.2*	818.2	807.7	*+1.3*
- TEXTILE [a]	32.7	31.9	*+2.5*	33.0	*-0.9*	306.9	334.5	*-8.3*
POLYESTER - INDUSTRIAL	32.7	28.3	*+15.5*	30.3	*+7.9*	299.3	306.4	*-2.3*
- TEXTILE [a]	67.2	65.2	*+3.1*	62.5	*+7.5*	630.9	688.5	*-8.4*
OLEFIN	123.8	124.7	*-0.7*	107.2	*+15.5*	1197.2	1051.1	*+13.9*
TOTAL YARN	**370.9**	**363.3**	***+2.1***	**341.3**	***+8.7***	**3537.4**	**3492.2**	***+1.3***
STAPLE+TOW+FIBERFILL								
NYLON	89.1	81.9	*+8.8*	85.9	*+3.7*	830.2	822.6	*+0.9*
ACRYLIC+MODACRYLIC	40.1	42.1	*-4.8*	44.0	*-8.9*	416.1	458.2	*-9.2*
POLYESTER	207.6	178.4	*+16.4*	200.9	*+3.3*	1764.8	1990.6	*-11.3*
OLEFIN	34.4	34.7	*-0.9*	33.3	*+3.3*	345.7	320.0	*+8.0*
TOTAL STAPLE	**371.2**	**337.1**	***+10.1***	**364.1**	***+2.0***	**3356.8**	**3591.4**	***-6.5***
TOTAL SYNTHETIC (NONCELL.)	**742.1**	**700.4**	***+6.0***	**705.4**	***+5.2***	**6894.2**	**7083.6**	***-2.7***
TOTAL MANUFACTURED FIBER	**789.9**	**743.3**	***+6.3***	**752.1**	***+5.0***	**7329.0**	**7576.4**	***-3.3***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS [b]	740.1	689.9	*+7.3*	711.0	*+4.1*	6897.9	7159.8	*-3.7*
EXPORTS [c]	49.8	53.4	*-6.7*	41.1	*+21.2*	431.1	416.6	*+3.5*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

November 1990

Fiber Organon

A Monthly Review

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1990 DIRECTORY OF AMERICAN FIBER MANUFACTURERS

NOTES & DEFINITIONS

This directory of producers is divided into the following categories:

(1) Artificial (Cellulosic) and Synthetic (Noncellulosic) Fibers
(2) Olefin Fiber
(3) Glass Fiber

The locality shown represents a plant site. Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

• Indicates a company producing olefin fiber as well as other manufactured fiber(s). For example, Ketema produces olefin fiber (page 242) as well as nylon, polyester and saran.

* Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1991.

Yarn means filament yarn.
Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross-section. Monofilaments for bristles are excluded.
Film includes **Slit:** tape produced by slitting an already-attenuated wide sheet of olefin film; and **Split:** fibrillated slit film.
Not Included in this survey is the slit film used for decorative or tying ribbon and such.
Rope includes braided and twisted rope as well as filler or core fiber.
Cordage is under 3/16" and includes tying and harvest (baler and binder) twine.
Industrial Goods means bags, bale wrap and protective covers, agricultural cloth, tarps and pool covers, etc.
Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber. Glass fiber thus ***does not*** include the substantial quantities of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand: Continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.
Roving: Two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself to give the equivalent of two or more strands) and roving for making woven roving
Mat: Mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (1/2" to 3" strands deposited in a random manner and resin bonded).
Chopped: Chopped yarn, strand or roving (1/4" to 3-3/4" length).
Milled: Hammer-milled yarn, strand or roving (1/32" to 1/4" length).
Staple Yarn & Sliver: A blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

ARTIFICIAL (CELLULOSIC) FIBERS

Acetate: Artificial (cellulosic) acetate. Cigarette filtration tow is excluded.
Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.
Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.
Cupra: Cuprammonium rayon.
The viscose rayon yarns are identified as **Ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

SYNTHETIC (NONCELLULOSIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight.
Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.
Nylon: A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.
Aramid: A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings.
Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.
PBI: A long chain having recurring imidazole groups.
Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalic units, and parasubstituted hydroxybenzoate units.
Saran: At least 80% vinylidene chloride by weight.
Spandex: At least 85% of segmented polyurethane.
Sulfar: A long chain synthetic polysulfide in which at least 85% of the sulfide linkages are attached to two aromatic rings.
Vinyon: At least 85% vinyl chloride by weight.

Other manufactured fibers included in this survey, but not listed by the FTC, are Polycarbonate and **TFE-** & **FEP-**fluorocarbon.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex, azelon and nytril are not produced in the United States.

Carbon fibers are not included in this survey.

ALBANY INTERNATIONAL-MONOFILAMENT PLANT ●

EXECUTIVE OFFICE: 156 South Main Street, Homer, NY 13077

Fluoro	Homer, NY *Halar, Kynar, Tefzel* (monofil)
Nylon 6/66/612	Homer (monofil)
Polyester	Homer (monofil-regular & hydrolysis-resistant)

ALLIED-SIGNAL INC., ENGINEERED MATERIALS SECTOR, FIBERS DIVISION ●

EXECUTIVE OFFICE: P.O. Box 31, Petersburg, VA 23804
REGIONAL SALES: 400 North Tustin Avenue, Santa Ana, CA 92705
2100 Fiber Park Drive, Dalton, GA 30720
64 South Miller Road, Akron, OH 44313
1411 Broadway, New York, NY 10018

Nylon 6	Columbia, SC and Hopewell, VA *A.C.E., Anso-Tex, Anso IV HP, Anso V Worry Free, Anso, Caplana, Caprolan, Caprolan 2000 Sea Gard, Caprolan 2000 Stay Gard, Capima, Captiva, Compet, Creme De Captiva, Hydrofil, Patina,* (yarn, monofil & staple)
Polyester	Moncure, NC *A.C.E., A.C.E. Sea Gard, Compet, Stay Gard* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DIVISION

EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470
REGIONAL SALES: P.O. Box 32787, Charlotte, NC 28232

Acrylic	Milton, FL *Creslan* (staple & tow)

AMERICAN POLYCRAFT, INC. ●

EXECUTIVE OFFICE: P.O. Box 3603, Dalton, GA 30721

Nylon 6	Dalton, GA (yarn)

BASF CORPORATION FIBERS DIVISION

EXECUTIVE OFFICE: P.O. Drawer D, Williamsburg, VA 23187
REGIONAL SALES: 1100 Town & Country Road, Suite 740, Orange, CA 92668
500 Holiday Avenue, P.O. Box 98, Dalton, GA 30720
1675 Broadway, 35th Floor, New York, NY 10019
629 Green Valley Road, Suite 200, Greensboro, NC 27408

Nylon 6	Enka, NC; Anderson & Central, SC and Lowland, TN *Crepeset, Shimmereen, Softglo®, Vivana, Zefsport, Zeftron, Zeftron 500, Zeftron 500 ZX* (yarn & staple)
Polyester	Lowland, TN *Golden Glow, Golden Touch, Silky Touch, Strialine, Ultra Touch* (yarn)
Rayon	Lowland, TN *Zantrel, Zantrel Plus™* (staple)

BASF Corporation has a carpet yarn spinning plant in Sylvania, GA.

BEAULIEU OF AMERICA, INC. ●

EXECUTIVE OFFICE: P.O. Box 4539, Dalton, GA 30721

Nylon 6	Bridgeport, AL (yarn)

BERKLEY & CO. INC. ●

EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360

Nylon 6	Spirit Lake, IA (monofil)

CAMAC CORPORATION ●

A Cookson Company
EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203

Nylon 6	Bristol, VA *Camalon* (yarn)
Polyester	Bristol (yarn)

CONCORDE FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 200, Highway 45, Jamestown, SC 29453

Nylon 6	Jamestown, SC (yarn)

CORTLAND LINE COMPANY, INC.

EXECUTIVE OFFICE: 3736 Kellogg Road, Cortland, NY 13045

Nylon 6	Cortland, NY (monofil-captive)

COURTAULDS FIBERS INC.

MARKETING/MERCHANDIZING: 104 West 40th Street, New York, NY 10018
CORPORATE OFFICE: P.O. Box 141, Axis, AL 36505

Rayon	Le Moyne, Mobile County, AL *Fibro* (staple)

DORSETT CARPET MILLS INC. ●

BCF YARN DIVISION
EXECUTIVE OFFICE: P.O. Box 740, Chatsworth, GA 30705

Nylon 6	Chatsworth, GA (yarn)

E. I. DU PONT DE NEMOURS & COMPANY (INC.) ●

DUPONT FIBERS ●

EXECUTIVE OFFICE: Wilmington, DE 19880-0722
REGIONAL SALES: 5500 Union Pacific Avenue, City of Commerce, CA 90022
403 Holiday Avenue, Dalton, GA 30720
1251 Avenue of the Americas, New York, NY 10020
6250 Fairview Road, Charlotte, NC 28234
2770 West Market Street, Akron, OH 44313
300 Franklin Bldg., Eastgate Center, Chattanooga, TN 37411

Acrylic*	Camden, SC and Waynesboro, VA *Orlon* (staple & tow) ***Shutdown announced**
Aramid	Richmond, VA *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Nylon 66	Seaford, DE; Camden, SC; Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA *Antron* (yarn, monofil, staple & tow)
Polyester	Kinston & Wilmington, NC and Camden & Charleston, SC *Dacron* (yarn, staple, tow & fiberfill)
Spandex	Waynesboro *Lycra* (fused multifil or coalesced monofil)

POLYMER PRODUCTS

EXECUTIVE OFFICE: See Listing Above.

Nylon 6/66/612 & Polyester	Parkersburg, WV *Dacron, Dymetrol, Tynex, Vylor* (monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY

EASTMAN CHEMICAL COMPANY

EXECUTIVE OFFICE: P.O. Box 511, B-54D, Kingsport, TN 37662
MARKETER: EASTMAN CHEMICAL PRODUCTS, INC., P.O. Box 431, Kingsport, TN 37662
REGIONAL SALES: 1133 Avenue of the Americas, New York, NY 10036

Acetate	Kingsport, TN *Chromspun, Estron* (yarn)
Polyester	Kingsport *Kodel* (staple)

FIBER INDUSTRIES

A WHOLLY OWNED SUBSIDIARY OF WELLMAN, INC.

EXECUTIVE OFFICE: 5146 Parkway Plaza Blvd., Charlotte, NC 28217
SALES OFFICE: 1133 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 4040 Summit Drive, Marietta, GA 30068

Polyester	Fayetteville, NC and Darlington, SC *Fortrel* (yarn & staple)

FIRESTONE FIBERS & TEXTILES COMPANY

DIVISION OF BRIDGESTONE/ FIRESTONE, INC.

EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052

Polyester	Hopewell, VA (yarn)

FOSS MANUFACTURING COMPANY, INC. ●

EXECUTIVE OFFICE: Ward Hill Industrial Park, Haverhill, MA 01830
PLANT OFFICE: Haverhill, MA 01830

Polyester	Haverhill, MA (staple-captive)

GATES FORMED FIBER PRODUCTS, INC.

EXECUTIVE OFFICE: Washington Street, P.O. Box 1300, Auburn, ME 04210

Polyester	Auburn, ME (staple)

GLOBE MANUFACTURING CO.

EXECUTIVE OFFICE: 456 Bedford Street, Fall River, MA 02720

Spandex	Fall River, MA and Gastonia, NC *Cleerspan, DC-$_{100}$, DC-$_{700}$, Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY, POLYESTER DIVISION

EXECUTIVE OFFICE: Akron, OH 44316-0001

Polyester	Scottsboro, AL and Point Pleasant, WV (yarn-captive)

GOLCO ●

EXECUTIVE OFFICE: 218 River Road, P.O. Box 527, Cartersville, GA 30120

Nylon	Cartersville, GA (yarn)

GUILFORD FIBERS
GUILFORD MILLS INC.

EXECUTIVE OFFICE: 4925 West Market Street, Greensboro, NC 27402
REGIONAL SALES: 200 Dickens Road, P.O. Box 789, Fuquay-Varina, NC 27526

Nylon 6	Gainesville, GA (monofil)
Polyester	Fuquay-Varina, NC (yarn & monofil)

GULF FIBERS INC.

EXECUTIVE OFFICE: Falk Industries, Inc., 569 Broadway, New York, NY 10012

Nylon 6	Le Moyne, Mobile County, AL (monofil)

HOECHST CELANESE CORPORATION

EXECUTIVE OFFICE: 202-206 North, Somerville, NJ 08876
1211 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 110 East 9th Street, Room A 1229, Los Angeles, CA 90079
6000 Lake Forest Drive, Suite 300, Atlanta, GA 30328
P.O. Box 32414, Charlotte, NC 28232
2950 West Market Street, Akron, OH 44313

Acetate	Rock Hill, SC *Celriver* and Narrows, VA *Celco* (yarn, staple & tow)
Polyester	Salisbury & Shelby, NC and Spartanburg, SC *Ceylon, Comfort Fiber, ESP, Loftguard, Polar-Guard, Premafill Soft, Premafill Plump, Serene, Superba, Trevira* (yarn, monofil, staple, tow, highloft & spunbonded)
PBI	Rock Hill (staple)

IMAGE CARPETS, INC.

EXECUTIVE OFFICE: Armuchee, GA

Polyester	Armuchee, GA (staple)

JAMES RIVER CORPORATION ●

EXECUTIVE OFFICE: 545 North Pleasantburg Drive, Greenville, SC 29607

Nylon 6/66	Cantonment, FL *Cerex* (spunbonded)
Polyester	Milford, NJ and Simpsonville, SC *Polyweb* (thermal bond & meltblown)

JOHNSON FILAMENTS, INC. ●

EXECUTIVE OFFICE: Industrial Avenue, Williston, VT 05495

Nylon 6/66	Williston, VT (monofil)
Polyester	Williston (monofil)

KAYSER-ROTH CORPORATION
YARN MANUFACTURING DIVISION

EXECUTIVE OFFICE: 2303 West Meadowview Road, Greensboro, NC 27407

Nylon 66	Creedmoor, NC (yarn-captive)

KETEMA INC., SPECIAL FILAMENTS DIVISION ●

EXECUTIVE OFFICE: 8335 Telegraph Road, Odenton, MD 21113

Nylon 6/66/612/11	Odenton, MD (monofil)
Polyester	Odenton (monofil)
Saran	Odenton (monofil)

LEWISTOWN "SPECIALTY" YARNS, INC.

EXECUTIVE OFFICE: 1000 Elizabeth Street, Lewistown, PA 17044

Polyester	Lewistown, PA (yarn)

MANN INDUSTRIES, INC.

EXECUTIVE OFFICE: 3411 North Rockingham Road, Greensboro, NC 27404

Acrylic	Williamsburg, VA *Zefran, Zefkrome* (staple)

MARTIN COLOR-FI, INC. ●

EXECUTIVE OFFICE: P.O. Box 469, Edgefield, SC 29824

Nylon	Sumter & Trenton, SC (staple & tow)
Polyester	Sumter & Trenton (staple)

MONOFILAMENTS, INC.

EXECUTIVE OFFICE: 1401 Hopeman Parkway, Waynesboro, VA 22980

Nylon 6/66	Waynesboro, VA (monofil)
Polycarbonate	Waynesboro (monofil)
Polyester	Waynesboro (monofil)

*The company also produces fusible nylon (monofil) at its Waynesboro facility.

MONSANTO COMPANY

EXECUTIVE OFFICE: 800 North Lindbergh Blvd., St. Louis, MO 63167

MONSANTO CHEMICAL COMPANY, FIBERS & ENGINEERED PRODUCTS DIVISION

REGIONAL SALES: 24012 Calle de la Plata, Suite 250 Laguna Hills, CA 92654
320 Interstate North Parkway, Atlanta, GA 30339
1460 Broadway, 11th Floor, New York, NY 10036
6230 Fairview Road, Charlotte, NC 28210
260 Springside Drive, P.O. Box 5444, Akron, OH 44313

Acrylic	Decatur, AL *Acrilan, Acrilan II, Bi-Loft, Cy-Fana, Du-Rel, Fi-Lana II, Pa-Qel, Pil-Trol So-Lara, So-Qel* (staple & tow)
Modacrylic	Decatur *SEF, SEF Plus* (staple & tow)
Nylon 66	Pensacola, FL and Greenwood, SC *No-Shock, Ultron* (yarn & staple)

NORTH AMERICAN POLYESTER CORPORATION

Subsidiary of North American Rayon Corporation

EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643

Polyester	Elizabethton, TN (staple)

NORTH AMERICAN RAYON CORPORATION

EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643
REGIONAL SALES: 500 Fifth Avenue, New York, NY 10110

Rayon	Elizabethton, TN (ind & reg yarn & tow)

PHILLIPS FIBERS CORPORATION ●

Subsidiary of Phillips 66 Company

EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602

Sulfar	Rocky Mount, NC *Ryton* (staple)

REEMAY, INC. ●

EXECUTIVE OFFICE: P.O. Box 511, Old Hickory, TN 37138

Polyester	Old Hickory, TN *Reemay* (spunbonded)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION ●

SALES OFFICE: 6111 Shakespeare Road, Columbia, SC 29223
P.O Box 4060, Columbia, SC 29240

Nylon 6/66/610	Columbia, SC (monofil thread)
Polyester	Columbia (monofil thread)

STAR FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 588, Edgefield, SC 29824
REGIONAL SALES: Edgefield, SC 29824

Nylon 6/66	Edgefield, SC *Starbrite* (staple)

TOLARAM FIBERS, INC. ●

EXECUTIVE OFFICE: 9140 Arrow Point Blvd., Suite 270, Charlotte, NC 28273

Nylon 66	Ansonville, NC (yarn)
Polyester	Ansonville & Asheboro, NC (yarn)

WELLMAN, INC., MAN-MADE FIBER DIVISION

EXECUTIVE OFFICE: P.O. Box 188, Johnsonville, SC 29555
1040 Broad Street, Suite 302, Shrewsbury, NJ 07702
REGIONAL SALES: 25 Braintree Hill Park, Suite 206, Braintree, MA 02184
5146 Parkway Plaza Blvd., Charlotte, NC 28217

Nylon 6/66	Johnsonville, SC *Wellon, Wellstrand* (staple, tow & tops)
Polyester	Johnsonville *Fillwell, Wellene, Wellstrand* (staple & tow)

YKK (U.S.A.) INC.

EXECUTIVE OFFICE: 4324 Ocmalgee East Blvd., Macon, GA 31297

Polyester	Macon, GA (yarn)

OLEFIN FIBER

ACS INDUSTRIES, INC.
EXECUTIVE OFFICE: 71 Villanova Street, Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn, monofil & multifil)

ALADDIN MILLS, INC.
EXECUTIVE OFFICE: P.O. Box 2208, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Homer, NY (P monofil)

ALLIED-SIGNAL INC., ENGINEERED MATERIALS SECTOR, FIBERS DIVISION
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Chesterfield, VA *Spectra* (E yarn & staple)

AMERICAN MANUFACTURING COMPANY
EXECUTIVE OFFICE: 200 South Park Road, Lafayette, LA 70505
REGIONAL SALES: 107 Trumball Street, Elizabeth, NJ 07206
5854 Hollis Street, Emeryville, CA 94608
1520 Industrial Blvd., Jacksonville, FL 32205
6110 Bienvenue Street, New Orleans, LA 70117
1715 South 11th Street, St. Louis, MO 63104
1350 Kress Street, Houston, TX 77020
5050 First Avenue South, Seattle, WA 98134
LAFAYETTE ROPE DIVISION
PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope, Ultraline* (E & P monofil & film)

AMERICAN POLYCRAFT, INC.
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Dalton, GA (P yarn & film)

AMOCO FABRICS & FIBERS COMPANY
EXECUTIVE OFFICE: 900 Circle 75 Parkway, Suite 550, Atlanta, GA 30339
REGIONAL SALES: 15066 Shoemaker Avenue, Santa Fe Springs, CA 90670
P.O. Box 911, Dalton, GA 30722-0911
P.O. Box 3667, 835 Shugart Road, Dalton, GA 30721-0667
PLANT: Andalusia & Roanoke, AL; Bainbridge, Hazlehurst & Nashville, GA; Salisbury, NC and Afton, VA (P yarn, monofil, film & staple)
The company produces *PolyBac, PolyBac A/S and PolyBac FLW* primary carpet backing; *ActionBac* secondary carpet backing; *Amopave* and *Propex* industrial fabrics; *Patton III, Amoco XXV, Marquesa Lana* and *Marquesa Lana/ST* commercial carpet yarns; *Synera* apparel yarn; *Essera* and *Trace* upholstery yarns and *Genesis* residential carpet yarn.

ARLIN MFG. CO., INC.
EXECUTIVE OFFICE: 239 Industrial Avenue, Lowell, MA 01853
PLANT: Lowell, MA (P film)

BEAULIEU OF AMERICA, INC.
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Bridgeport, AL and Dalton, GA (P yarn)

BERKLEY & CO. INC.
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Spirit Lake, IA (E & P monofil-captive)

BLUE MOUNTAIN INDUSTRIES
EXECUTIVE OFFICE: 20 Blue Mountain Road, Blue Mountain, AL 36201
PLANT: Blue Mountain, AL *Poly Tying Twines, Polylasting, TY-EZ Polytape* (E & P film cordage)

BRIDON CORDAGE INC.
EXECUTIVE OFFICE: 909 16th Street, Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

CALIFORNIA WEBBING INDUSTRIES, INC.
EXECUTIVE OFFICE: 4560 Pacific Blvd., Los Angeles, CA 90058
PLANT: Los Angeles, CA (P yarn)

CAMAC CORPORATION
A Cookson Company
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Bristol, VA (P yarn)

CARRIAGE INDUSTRIES
EXECUTIVE OFFICE: Box 12542, Calhoun, GA 30703
PLANT: Calhoun, GA (P yarn)

CHASE PACKAGING CORPORATION
EXECUTIVE OFFICE: 53 Forest Avenue, Old Greenwich, CT 06870
PLANT: Portland, OR (P film industrial goods)

CIRTEX CORPORATION
EXECUTIVE OFFICE: Dalton, GA
PLANT: Dalton, GA (P film)

COLUMBIAN ROPE COMPANY
EXECUTIVE OFFICE: P.O. Box 270, Highway 45 North, Guntown, MS 38849
REGIONAL SALES: P.O. Box 270, Highway 45 North, Guntown, MS 38849
PLANT: Guntown, MS *Polypro 6* (E & P monofil & film)

CONTINENTAL
(P yarn)

CROWE ROPE COMPANY
EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil & film)

CUMBERLAND MILLS, INC.
EXECUTIVE OFFICE: 1010 North Hamilton Street, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

CUTLASS CARPET COMPANY
PLANT: Dalton, GA (P yarn)

DIAMOND MILLS, INC.
EXECUTIVE OFFICE: P.O. Box 46, Eton, GA 30724
PLANT: Eton, GA (P yarn & film)

DICEY
(P yarn)

DORSETT CARPET MILLS INC.
BCF YARN DIVISION
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Chatsworth, GA (P yarn)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
DUPONT FIBERS
EXECUTIVE OFFICE: See Listing on Page 240.
PLANT: Richmond, VA *Tyvek* (E spunbonded)
Chattanooga, TN (P yarn)

ELIZABETH WEBBING MILLS CO., INC.
EXECUTIVE OFFICE: 521 Roosevelt Avenue, Central Falls, RI 02862
PLANT: Central Falls, RI (P yarn & film)

ENSIGN-BICKFORD INDUSTRIES, INC.
FILM FIBERS DIVISION
EXECUTIVE OFFICE: 630 Hopmeadow Street, Simsbury, CT 06070
PLANT: Simsbury, CT *E-B Mesh®*, chopped fibers for concrete (P film)

EXTRUDED FIBERS
EXECUTIVE OFFICE: 112 West Westcott, Dalton, GA 30721
PLANT: Dalton, GA (P yarn)

EXXON CHEMICAL COMPANY,
POLYMERS GROUP - TEXTILES DIVISION
DIVISION HEADQUARTERS: 2550 West Fifth North Street, Summerville, SC 29483-9699
MARKETING OFFICE: 2100 River Edge Parkway, Suite 1025, Atlanta, GA 30328-4654
PLANT: Summerville, SC (P monofil & film fabrics)
The company also weaves *Baxon* carpet backing and packaging fabrics at Summerville, SC.

POLYMERS GROUP - TWINE DIVISION
DIVISION HEADQUARTERS: 100 South Penalosa, Kingman, KS 67068
MARKETING OFFICE: 100 South Penalosa, Kingman, KS 67068
PLANT: Kingman, KS (P monofil & film cordage)
Clearfield, UT (P monofil & film cordage)

FIBERS & FABRICS OF GEORGIA, INC.
Subsidiary of Georgia Synthetics, Inc.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (P yarns, fibrillated, roll embossed filaments & slit tape)

FIBERS SOUTH, INC.
EXECUTIVE OFFICE: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL *Polystar, Trustite & Tyrite* (P film, monofil, tapes, fibers & staple)

FILAMENT FIBER TECHNOLOGY
INCORPORATED
EXECUTIVE OFFICE: 571 West Lake Avenue, Bay Head, NJ 08742
PLANT: Salisbury, NC (P fine denier yarn)

FNT INDUSTRIES, INC.
EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FOSS MANUFACTURING CO., INC.
EXECUTIVE OFFICE: See Listing on Page 241.
PLANT: Haverhill, MA (P staple-captive)

GENERAL FIBERS & FABRICS, INC.
EXECUTIVE OFFICE: Orchard Hill Road, La Grange Industrial Park, La Grange, GA 30240
PLANT: La Grange, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here.

GEORGIA SYNTHETICS, INC.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (PP carpet backing, industrial fabrics)

GFF HOLDING COMPANY

(Formerly NSI, Inc.)
ADMINISTRATIVE OFFICE: Box 658, Soperton, GA 30457
PLANT: Soperton, GA (P film-captive)
The company weaves carpet backing here.

GOLCO

EXECUTIVE OFFICE: See Listing on Page 241.
PLANT: Cartersville, GA (P yarn)

HERCULES INCORPORATED

ABSORBENT AND TEXTILE PRODUCTS GROUP
EXECUTIVE OFFICE: Hercules Plaza, Wilmington, DE 19894
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Road, Suite 301, Norcross, GA 30071
REGIONAL SALES: 280 Railroad Avenue, Greenwich, CT 06830
PLANT: Oxford, GA *Elustra, Herculon, Nouvelle* (P yarn & staple)

THE HOOVEN & ALLISON COMPANY

EXECUTIVE OFFICE: 677 Cincinnati Avenue, Xenia, OH 45385
PLANT: Xenia, OH (P film)

INTERLOOM LTD.

(Formerly Concorde Fibers, Inc.)
EXECUTIVE OFFICE: Box 2279, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

J & J INDUSTRIES

EXECUTIVE OFFICE: P.O. Box 1287, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

JAMES RIVER CORPORATION

EXECUTIVE OFFICE: See Listing on Page 241.
PLANT: Milford, NJ; Simpsonville, SC and Washougal, WA *Celestra, Fibretex* (P spunbonded)

JOHNSON FILAMENTS, INC.

EXECUTIVE OFFICE: See Listing on Page 241.
PLANT: Williston, VT (P monofil)

KETEMA INC., SPECIAL FILAMENTS DIVISION

EXECUTIVE OFFICE: See Listing on Page 242.
PLANT: Odenton, MD (E & P monofil)

KIMBERLY-CLARK CORPORATION

EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANT: Corinth, MS; Balfour, NC; La Grange, GA & Neenah, WI *Accord, Duraguard, Evolution* (P spunbonded), *Cyclean, Evolution III* (P spunbonded/meltblown laminate)

LAMBETH CORPORATION

EXECUTIVE OFFICE: 627 Tarkiln Hill Road, P.O. Box G-825, New Bedford, MA 02742-0825
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE HOSE COMPANY

SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil-captive)

LORETEX CORPORATION

EXECUTIVE OFFICE: Northeastern Industrial Park, Bldg. 18, P.O. Box 45, Guilderland Center, NY 12085
REGIONAL SALES: Research Plastics Marketing, 9 Pickering Way, Salem, MA 01970
PLANT: Guilderland Center, NY (E film-captive)

MARTIN COLOR-FI, INC.

EXECUTIVE OFFICE: See Listing on Page 242.
PLANT: Sumter, SC (staple)

MIRAFI INC.

Subsidiary of Dominion Textiles
EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Waynesboro, VA (P film-captive)

ORIAN

EXECUTIVE OFFICE: P.O. Drawer 2276, Anderson, SC 29622
PLANT: Anderson, SC (P yarn)

THE OSTERNECK COMPANY

EXECUTIVE OFFICE: P.O. Box 859, Lumberton, NC 28359
PLANT: Lumberton, NC (P film)
The company weaves industrial goods here, and converts into tubing & bale wraps.

PAN AMERICAN AGRI FABRICS

(Formerly Sarlon Industries, Inc.)
EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, FL (P monofil & film)

PHILLIPS FIBERS CORPORATION

Subsidiary of Phillips 66 Company
EXECUTIVE OFFICE: See Listing on Page 242.
PLANT: Rocky Mount, NC and Seneca & Spartanburg, SC *Alpha, Marvess* (P yarn, staple & tow)
The company also manufactures *Duon, Petromat, Rufon & Supac* non-woven fabrics at Seneca, SC.

POLI -TWINE WESTERN INC.

EXECUTIVE OFFICE: Box 1255, Bldg. A16A, Freeport Center, Clearfield, UT 84016
PLANT: Clearfield, UT (P monofil, P film, rope & cordage)

POLYLOOM CORPORATION OF AMERICA
EXECUTIVE OFFICE: 1615 North Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

PRINCETON INCORPORATED
EXECUTIVE OFFICE: P.O. Box 100050, 201 Princeton Blvd., Adairsville, GA 30103-8050
PLANT: Adairsville, GA (P yarn)

REEMAY, INC.
EXECUTIVE OFFICE: See Listing on Page 242.
PLANT: Old Hickory, TN *Typar, Typelle, Tekton, Biobarrier,* (P spunbonded)

SHAKESPEARE MONOFILAMENT DIVISION
EXECUTIVE OFFICE: See Listing on Page 242.
PLANT: Columbia, SC (P monofil)

SHAW INDUSTRIES
(Formerly Armstrong World Industries, Inc.)
EXECUTIVE OFFICE: P.O. Drawer 2128, Dalton, GA 30722-2128
PLANT: Charlotte, NC (P film-captive)
The company weaves carpet backing.

SHENANDOAH FIBERS, INC.
PLANT: Front Royal, VA* (staple)

SHUFORD MILLS, INC.
EXECUTIVE OFFICE: Highland Avenue & 15th Street, N.E., Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage & twine)

SOLUTION FIBERS INC.
EXECUTIVE OFFICE: P.O. Box 447, 110 West McCarter Road, Lafayette, GA 30728
PLANT: Lafayette, GA *Better Body, Luxene* (P yarn)

SOUTHERN WEAVING, INC.
PLANT: Greenville, SC (P yarn)

STEVENS FIBER DIVISION, STEVENS LINEN ASSOC., INC.
EXECUTIVE OFFICE: P.O. Box 220, Webster, MA 01570
PLANT: Dudley, MA (P staple)

SUNSHINE ROPE MANUFACTURING INC.
EXECUTIVE OFFICE: 7250 N.W. 41 Street, Miami, FL 33166-6799
PLANT: Miami, FL (E & P monofil, cordage)

SYNTHETIC INDUSTRIES
EXECUTIVE OFFICE: 309 Lafayette Road, Chickamauga, GA 30707
PLANT: Chickamauga & Dalton, GA (P film, yarn & staple)

SYNTHETIC INDUSTRIES, FIBRON DIVISION
EXECUTIVE OFFICE: Chattanooga, TN
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

TECHLON FIBERS CORPORATION
EXECUTIVE OFFICE: 3359 Blake Drive, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

TECHNOTRADE
PLANT: Dalton, GA (P yarn)

TOLARAM FIBERS, INC.
EXECUTIVE OFFICE: See Listing on Page 242.
PLANT: Ansonville, NC (P yarn)

TWINE PRODUCTS CORPORATION
EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY
EXECUTIVE OFFICE: 711 Hamilton Avenue, Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.
EXECUTIVE OFFICE: P.O. Box 830, Granite Quarry, NC 28072
PLANT: Granite Quarry, NC (E & P monofil, rope and cordage)

WALTRICH PLASTIC CORPORATION
EXECUTIVE OFFICE: P.O. Box D, Walthourville, GA 31333
PLANT: Walthourville, GA (P monofil)

WAYN-TEX, INC.
EXECUTIVE SALES OFFICE: Box 648, Dalton, GA 30720
PLANT: Waynesboro, VA *Beamette, Wayntuf* (E & P monofil & P film-captive)
The company weaves *Wayntuf* primary carpet backing (captive).

WELLINGTON LEISURE PRODUCTS INC.

EXECUTIVE OFFICE: Madison, GA 30650
PLANT: Pilot Mountain, NC *Pur-Ty, Weiltite* (P yarn & E & P monofil, multifil & film)

WELLINGTON SYNTHETIC FIBRES, INC.

EXECUTIVE OFFICE: 52 Courtland Street, Paterson, NJ 07503
PLANT: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

The following companies are also producing a variety of textile products from olefin: **Conwed Corp. Conwed Plastic Netting** (P embossed film for netting); **E.I. du Pont De Nemours & Company (Inc.)** (E & P embossed film for netting); **Hercules Incorporated, Polymers Division** *Delnet* (E embossed film for netting); **Nalle Inc.** (P embossed film for netting); **Riegel Products Corporation** *Polyweb* (P meltblown); and **The 3M Company** (P spunbonded).

GLASS FIBER

CERTAINTEED CORPORATION

FIBER GLASS REINFORCEMENTS DIVISION

EXECUTIVE OFFICE: P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: 1801 East Parkcourt Street, Bldg. D., Suite 104, Santa Ana, CA 92701
4131 N.W. 13th Street, Suite 202, Gainesville, FL 32609
854 Fairway Drive, Bensenville, IL 60106
1 City Centre, 120 West 7th, Suite 312, Bloomington, IN 47401
533-A Mur Len Road, Olathe, KS 66062
12 Fox Run Drive, Ashtabula, OH 44004
1720-C Indian Wood Circle, Maumee, OH 43537
2811 Reidville Road, West Oak Square, Suite 12, Spartanburg, SC 29301
1316 Central Court, Hermitage, TN 37076
5840 West Interstate 20, Suite 165, Arlington, TX 76017
1420 N.W. Gilman Blvd., Suite 2593, Issaquah, WA 98027
PLANT: Wichita Falls, TX (roving, woven roving, mat, chopped strand & combination product)

FIBER GLASS INDUSTRIES, INC.

EXECUTIVE OFFICE: RD 5, Edson Street, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped, woven, mats)

GAF BUILDING MATERIALS CORPORATION

EXECUTIVE OFFICE: 1361 Alps Road, Wayne, NJ 07670
PLANT: Nashville, TN (chopped)

GFT, INC. (GLASS FIBER TECHNOLOGY)

EXECUTIVE OFFICE: P.O. Box 670, Chester, SC 29706
PLANT: Chester, SC (wet chop for shingles)

LUNDY TECHNICAL CENTER

EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving & strand and nonwoven metallized glass mat)

MANVILLE SALES CORPORATION

MATS, FIBER & REINFORCEMENTS DIVISION

EXECUTIVE OFFICE: P.O. Box 517, Toledo, OH 43693
PLANT: Waterville, OH; Etowah, TN and Ennis, TX *Chop-Pak, Dura-Glass, Star Rov, Star Stran, Tempstran* (mat, chopped strand, staple, yarn, sliver, rovings & microfiber)

NICOFIBERS CO.

EXECUTIVE OFFICE: 9702 Ironpoint Road, Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Surmat* (continous filament and strand glass mats)

NITTOBO-SCHWEBEL CORPORATION *

(yarn)

OWENS-CORNING FIBERGLAS CORPORATION

EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 4 Hutton Centre Drive, Suite 100, Santa Anna, CA 92707
750 Lake Cook Road, Suite 201, Buffalo Grove, IL 60089
15300 West 8 Mile, Oak Park, MI 48237
Bldg. 5601, 77 Center Drive, Suite 240, Charlotte, NC 28210
5700 Pearl Road, Suite 104, Cleveland, OH 44129
900 West Valley Road, Suite 1101, Wayne, PA 19087
12750 Merit Drive, Suite 100, Park Central VII, Dallas, TX 75251
PLANT: Huntingdon, PA; Aiken & Anderson, SC and Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass, Type 30* (yarn, roving, woven roving, mat chopped & milled)

PPG INDUSTRIES, INC.

FIBER GLASS PRODUCTS

EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 23441 South Pointe Drive, Suite 145, Laguna Hills CA 92653.
400 Northridge Road, Suite 110, Atlanta, GA 30350
710 East Ogden Avenue, Suite 225, Naperville, IL 60563
5875 New King Court, P.O. Box 3510, Troy, MI 48007-3510
AUTOMOTIVE SALES OFFICE: 710 East Ogden Avenue, Suite 225, Naperville, IL 60563
TEXTILE PRODUCTS: 825 East Majestic Court, Gastonia, NC 28054
2253 South Avenue, Westfield, NJ 07090
PLANT: Lexington & Shelby, NC (yarn, roving, mat, milled fiber, chopped strand, woven roving & rubber reinforcements)

SUPERIOR GLASS FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 89, Bremen, OH 43107
PLANT: Bremen, OH (mat)

TABLE 2:
APPAREL - MANUFACTURED FIBER, COTTON & WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1989
IMPORTS													
TOPS [a]	92.8	82.9	80.1	69.8	89.4	104.1	117.2	122.7	101.5	113.3	92.8	83.3	1149.9
BOTTOMS [b]	57.8	61.4	58.3	48.7	61.1	74.7	83.8	83.6	67.6	74.4	61.6	55.2	788.2
SUITS & COATS [c]	19.7	15.0	12.3	12.9	23.1	29.9	37.9	44.0	32.6	29.3	22.7	19.6	299.0
SWEATERS [d]	11.9	9.1	7.5	13.6	26.7	34.3	39.6	41.4	31.6	31.5	15.6	7.3	270.1
OTHER APPAREL [e]	19.3	15.2	14.9	13.3	14.8	18.8	20.3	20.5	16.4	16.1	14.1	16.7	200.4
TOTAL IMPORTS	**201.5**	**183.6**	**173.1**	**158.3**	**215.1**	**261.8**	**298.8**	**312.2**	**249.7**	**264.6**	**206.8**	**182.1**	**2707.6**
EXPORTS													
TOPS [a]	7.0	11.3	12.2	10.8	12.5	13.5	10.3	11.9	11.9	12.9	10.9	11.3	136.5
BOTTOMS [b]	7.2	10.1	10.6	9.3	8.8	11.6	8.8	10.2	10.4	9.8	8.6	8.9	114.3
SUITS & COATS [c]	2.2	2.3	2.8	2.5	2.7	3.1	2.9	3.4	3.4	3.4	3.0	2.6	34.3
SWEATERS [d]	0.3	0.3	0.3	0.5	0.2	0.6	0.3	0.7	0.4	0.3	0.4	1.1	5.4
OTHER APPAREL [e]	3.9	5.6	5.4	6.4	5.5	5.5	4.7	5.2	5.2	5.7	4.6	4.6	62.3
TOTAL EXPORTS	**20.6**	**29.6**	**31.3**	**29.5**	**29.7**	**34.3**	**27.0**	**31.4**	**31.3**	**32.1**	**27.5**	**28.5**	**352.8**
BALANCE													
TOPS [a]	85.8 I	71.6 I	67.9 I	59.0 I	76.9 I	90.6 I	106.9 I	110.8 I	89.6 I	100.4 I	81.9 I	72.0 I	1013.4 I
BOTTOMS [b]	50.6 I	51.3 I	47.7 I	39.4 I	52.3 I	63.1 I	75.0 I	73.4 I	57.2 I	64.6 I	53.0 I	46.3 I	673.9 I
SUITS & COATS [c]	17.5 I	12.7 I	9.5 I	10.4 I	20.4 I	26.8 I	35.0 I	40.6 I	29.2 I	25.9 I	19.7 I	17.0 I	264.7 I
SWEATERS [d]	11.6 I	8.8 I	7.2 I	13.1 I	26.5 I	33.7 I	39.3 I	40.7 I	31.2 I	31.2 I	15.2 I	6.2 I	264.7 I
OTHER APPAREL [e]	15.4 I	9.6 I	9.5 I	6.9 I	9.3 I	13.3 I	15.6 I	15.3 I	11.2 I	10.4 I	9.5 I	12.1 I	138.1 I
TOTAL BALANCE	**180.9 I**	**154.0 I**	**141.8 I**	**128.8 I**	**185.4 I**	**227.5 I**	**271.8 I**	**280.8 I**	**218.4 I**	**232.5 I**	**179.3 I**	**153.6 I**	**2354.8 I**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340, 341, 638, 639, 640 & 641; Dresses 336 & 636; Underwear 349, 351, 352, 649, 651, 652 & 650; Infantswear & Playsuits 237, 239 & 439.

b. Skirts 342, 442 & 642; Trousers, Slacks & Shorts 347, 348, 447, 448, 647 & 648; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443, 444, 643 & 644; Suit-Type Coats 333, 443 & 633; Coats 334, 335, 353, 354, 434, 435, 634, 635, 653 & 654.

d. Sweaters 345, 445, 446, 645 & 646.

e. Handkerchiefs 330 & 630; Gloves & Mittens 331, 431 & 631; Hosiery 332, 432 & 632; Miscellaneous Apparel 359, 459 & 659.

TABLE 3:
APPAREL - MANUFACTURED FIBER, COTTON & WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS [a]	115.1	99.0	93.0	86.4	96.9	111.4	134.7						736.5	636.3
BOTTOMS [b]	73.4	74.5	64.5	53.9	65.3	78.1	86.8						496.5	445.8
SUITS & COATS [c]	24.5	15.1	11.6	13.9	24.9	36.7	44.7						171.4	150.8
SWEATERS [d]	8.7	6.8	6.0	8.1	14.2	21.8	28.1						93.7	142.7
OTHER APPAREL [e]	19.9	16.5	16.7	14.8	16.6	16.7	16.2						117.4	116.6
TOTAL IMPORTS	**241.6**	**211.9**	**191.8**	**177.1**	**217.9**	**264.7**	**310.5**						**1615.5**	**1492.2**
EXPORTS														
TOPS [a]	10.8	11.1	14.4	12.7	14.2	14.4	12.8						90.4	77.6
BOTTOMS [b]	8.4	10.2	12.3	10.7	11.2	13.0	9.3						75.1	66.4
SUITS & COATS [c]	2.6	3.0	3.5	3.4	3.3	3.6	3.9						23.3	18.5
SWEATERS [d]	0.3	1.2	0.4	0.7	0.7	1.4	0.6						5.3	2.5
OTHER APPAREL [e]	5.3	5.4	6.0	5.1	5.9	6.3	5.4						39.4	37.0
TOTAL EXPORTS	**27.4**	**30.9**	**36.6**	**32.6**	**35.3**	**38.7**	**32.0**						**233.5**	**202.0**
BALANCE														
TOPS [a]	104.3	87.9	78.6	73.7	82.7	97.0	121.9						646.1	558.7
BOTTOMS [b]	65.0	64.3	52.2	43.2	54.1	65.1	77.5						421.4	379.4
SUITS & COATS [c]	21.9	12.1	8.1	10.5	21.6	33.1	40.8						148.1	132.3
SWEATERS [d]	8.4	5.6	5.6	7.4	13.5	20.4	27.5						88.4	140.2
OTHER APPAREL [e]	14.6	11.1	10.7	9.7	10.7	10.4	10.8						78.0	79.6
TOTAL BALANCE	**214.2**	**181.0**	**155.2**	**144.5**	**182.6**	**226.0**	**278.5**						**1382.0**	**1290.2**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340, 341, 638, 639, 640 & 641; Dresses 336 & 636; Underwear 349, 351, 352, 649, 651, 652 & 650; Infantswear & Playsuits 237, 239 & 439.

b. Skirts 342, 442 & 642; Trousers, Slacks & Shorts 347, 348, 447, 448, 647 & 648; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443, 444, 643 & 644; Suit-Type Coats 333, 443 & 633; Coats 334, 335, 353, 354, 434, 435, 634, 635, 653 & 654.

d. Sweaters 345, 445, 446, 645 & 646.

e. Handkerchiefs 330 & 630; Gloves & Mittens 331, 431 & 631; Hosiery 332, 432 & 632; Miscellaneous Apparel 359, 459 & 659.

TABLE 4:
APPAREL - MANUFACTURED FIBER
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1989												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1989
IMPORTS													
TOPS [a]	41.0	34.8	32.2	29.7	39.5	45.2	50.5	53.4	44.0	47.8	38.4	33.7	490.2
BOTTOMS [b]	22.5	24.0	22.2	17.9	20.8	23.9	26.1	27.2	22.8	24.7	20.5	19.5	272.1
SUITS & COATS [c]	10.8	8.4	7.1	8.1	13.7	16.5	19.8	22.7	17.8	16.1	12.6	11.2	164.8
SWEATERS [d]	4.6	4.3	4.0	8.4	17.0	21.5	23.8	24.7	18.4	15.7	5.5	2.1	150.0
OTHER APPAREL [e]	5.7	5.5	5.5	5.5	6.8	8.3	9.6	10.0	8.1	8.2	6.3	6.4	85.9
TOTAL IMPORTS	**84.6**	**77.0**	**71.0**	**69.5**	**97.8**	**115.1**	**129.8**	**138.0**	**111.1**	**112.5**	**83.3**	**72.9**	**1163.0**
EXPORTS													
TOPS [a]	2.8	4.3	4.8	4.4	4.9	5.3	3.9	4.5	4.4	4.3	3.8	4.1	51.5
BOTTOMS [b]	1.6	2.6	2.2	2.6	2.0	2.9	2.1	2.5	2.9	2.0	1.7	1.7	26.8
SUITS & COATS [c]	1.2	1.3	1.5	1.3	1.3	1.6	1.5	1.9	1.8	1.7	1.8	1.5	18.4
SWEATERS [d]	0.1	0.1	0.1	0.2	+	0.2	0.1	0.2	0.1	0.1	0.1	0.4	1.7
OTHER APPAREL [e]	1.9	2.4	2.7	3.2	2.5	2.7	2.4	2.6	2.6	2.9	2.3	2.1	30.3
TOTAL EXPORTS	**7.6**	**10.7**	**11.3**	**11.7**	**10.7**	**12.7**	**10.0**	**11.7**	**11.8**	**11.0**	**9.7**	**9.8**	**128.7**
BALANCE													
TOPS [a]	38.2 |	30.5 |	27.4 |	25.3 |	34.6 |	39.9 |	46.6 |	48.9 |	39.6 |	43.5 |	34.6 |	29.6 |	438.7 |
BOTTOMS [b]	20.9 |	21.4 |	20.0 |	15.3 |	18.8 |	21.0 |	24.0 |	24.7 |	19.9 |	22.7 |	18.8 |	17.8 |	245.3 |
SUITS & COATS [c]	9.6 |	7.1 |	5.6 |	6.8 |	12.4 |	14.9 |	18.3 |	20.8 |	16.0 |	14.4 |	10.8 |	9.7 |	146.4 |
SWEATERS [d]	4.5 |	4.2 |	3.9 |	8.2 |	17.0 |	21.3 |	23.7 |	24.5 |	18.3 |	15.6 |	5.4 |	1.7 |	148.3 |
OTHER APPAREL [e]	3.8 |	3.1 |	2.8 |	2.3 |	4.3 |	5.6 |	7.2 |	7.4 |	5.5 |	5.3 |	4.0 |	4.3 |	55.6 |
TOTAL BALANCE	**77.0 |**	**66.3 |**	**59.7 |**	**57.9 |**	**87.1 |**	**102.7 |**	**119.8 |**	**126.3 |**	**99.3 |**	**101.5 |**	**73.6 |**	**63.1 |**	**1034.3 |**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 638, 639, 640 & 641; Dresses 636; Underwear 649, 651, 652 & 650; Infantswear & Playsuits 237 & 239.

b. Skirts 642; Trousers, Slacks & Shorts 647 & 648.

c. Suits 643 & 644; Suit-Type Coats 633; Coats 634, 635, 653 & 654.

d. Sweaters 645 & 646.

e. Handkerchiefs 630; Gloves & Mittens 631; Hosiery 632; Miscellaneous Apparel 659.

TABLE 5:
APPAREL - MANUFACTURED FIBER
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS [a]	46.1	38.9	37.0	33.9	40.6	46.9	57.0						300.4	272.9
BOTTOMS [b]	27.5	25.9	22.3	18.3	22.2	24.8	27.9						168.9	157.4
SUITS & COATS [c]	14.3	8.5	6.9	8.8	15.3	20.3	25.3						99.4	84.4
SWEATERS [d]	2.7	3.3	3.8	4.6	7.5	11.8	14.8						48.5	83.6
OTHER APPAREL [e]	7.4	6.5	6.3	6.1	7.5	7.4	7.2						48.4	46.9
TOTAL IMPORTS	**98.0**	**83.1**	**76.3**	**71.7**	**93.1**	**111.2**	**132.2**						**665.6**	**645.2**
EXPORTS														
TOPS [a]	3.6	3.8	5.2	4.4	5.4	5.4	4.7						32.5	30.4
BOTTOMS [b]	1.7	1.9	2.5	1.9	2.0	3.0	1.7						14.7	16.0
SUITS & COATS [c]	1.3	1.5	1.7	1.5	1.6	1.7	2.0						11.3	9.7
SWEATERS [d]	0.1	0.4	0.1	0.3	0.2	0.5	0.2						1.8	0.8
OTHER APPAREL [e]	2.5	2.6	3.0	2.4	2.8	2.9	3.0						19.2	17.8
TOTAL EXPORTS	**9.2**	**10.2**	**12.5**	**10.5**	**12.0**	**13.5**	**11.6**						**79.5**	**74.7**
BALANCE														
TOPS [a]	42.5 I	35.1 I	31.8 I	29.5 I	35.2 I	41.5 I	52.3 I						267.9 I	242.5 I
BOTTOMS [b]	25.8 I	24.0 I	19.8 I	16.4 I	20.2 I	21.8 I	26.2 I						154.2 I	141.4 I
SUITS & COATS [c]	13.0 I	7.0 I	5.2 I	7.3 I	13.7 I	18.6 I	23.3 I						88.1 I	74.7 I
SWEATERS [d]	2.6 I	2.9 I	3.7 I	4.3 I	7.3 I	11.3 I	14.6 I						46.7 I	82.8 I
OTHER APPAREL [e]	4.9 I	3.9 I	3.3 I	3.7 I	4.7 I	4.5 I	4.2 I						29.2 I	29.1 I
TOTAL BALANCE	**88.8 I**	**72.9 I**	**63.8 I**	**61.2 I**	**81.1 I**	**97.7 I**	**120.6 I**						**586.1 I**	**570.5 I**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 638, 639, 640 & 641; Dresses 636; Underwear 649, 651, 652 & 650; Infantswear & Playsuits 237 & 239.

b. Skirts 642; Trousers, Slacks & Shorts 647 & 648.

c. Suits 643 & 644; Suit-Type Coats 633; Coats 634, 635, 653 & 654.

d. Sweaters 645 & 646.

e. Handkerchiefs 630; Gloves & Mittens 631; Hosiery 632; Miscellaneous Apparel 659.

TABLE 6:
APPAREL - COTTON
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1989
IMPORTS													
TOPS [a]	49.7	46.3	46.4	38.4	47.4	55.7	63.0	65.2	54.2	62.1	52.0	47.7	628.1
BOTTOMS [b]	34.3	36.4	35.2	29.9	38.7	48.4	54.3	52.4	42.0	47.4	39.8	34.9	493.7
SUITS & COATS [c]	7.7	5.5	4.1	3.8	7.5	10.6	14.5	17.0	11.5	10.3	8.4	7.3	108.2
SWEATERS [d]	6.1	3.6	2.6	3.2	5.3	6.8	8.1	7.6	6.3	9.8	7.9	4.5	71.8
OTHER APPAREL [e]	13.4	9.5	9.2	7.6	7.7	9.9	9.8	9.7	7.8	7.5	7.6	10.1	109.8
TOTAL IMPORTS	**111.2**	**101.3**	**97.5**	**82.9**	**106.6**	**131.4**	**149.7**	**151.9**	**121.8**	**137.1**	**115.7**	**104.5**	**1411.6**
EXPORTS													
TOPS [a]	4.2	6.9	7.4	6.4	7.5	8.2	6.4	7.4	7.4	8.6	7.1	7.2	84.7
BOTTOMS [b]	5.3	7.2	8.0	6.2	6.0	8.0	6.4	7.4	7.1	7.4	6.6	6.9	82.5
SUITS & COATS [c]	0.7	0.6	0.8	0.6	0.8	0.9	0.8	0.8	0.8	1.0	0.8	0.8	9.4
SWEATERS [d]	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.1	0.2	0.3	1.9
OTHER APPAREL [e]	1.9	3.1	2.5	3.0	2.8	2.6	2.1	2.4	2.5	2.6	2.2	2.4	30.1
TOTAL EXPORTS	**12.2**	**17.9**	**18.8**	**16.3**	**17.2**	**19.9**	**15.8**	**18.3**	**18.0**	**19.7**	**16.9**	**17.6**	**208.6**
BALANCE													
TOPS [a]	45.5 I	39.4 I	39.0 I	32.0 I	39.9 I	47.5 I	56.6 I	57.8 I	46.8 I	53.5 I	44.9 I	40.5 I	543.4 I
BOTTOMS [b]	29.0 I	29.2 I	27.2 I	23.7 I	32.7 I	40.4 I	47.9 I	45.0 I	34.9 I	40.0 I	33.2 I	28.0 I	411.2 I
SUITS & COATS [c]	7.0 I	4.9 I	3.3 I	3.2 I	6.7 I	9.7 I	13.7 I	16.2 I	10.7 I	9.3 I	7.6 I	6.5 I	98.8 I
SWEATERS [d]	6.0 I	3.5 I	2.5 I	3.1 I	5.2 I	6.6 I	8.0 I	7.3 I	6.1 I	9.7 I	7.7 I	4.2 I	69.9 I
OTHER APPAREL [e]	11.5 I	6.4 I	6.7 I	4.6 I	4.9 I	7.3 I	7.7 I	7.3 I	5.3 I	4.9 I	5.4 I	7.7 I	79.7 I
TOTAL BALANCE	**99.0 I**	**83.4 I**	**78.7 I**	**66.6 I**	**89.4 I**	**111.5 I**	**133.9 I**	**133.6 I**	**103.8 I**	**117.4 I**	**98.8 I**	**86.9 I**	**1203.0 I**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation***.

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340 & 341; Dresses 336; Underwear 349, 351 & 352.

b. Skirts 342; Trousers, Slacks & Shorts 347 & 348.

c. Suit-Type Coats 333; Coats 334, 335, 353 & 354.

d. Sweaters 345.

e. Handkerchiefs 330; Gloves & Mittens 331; Hosiery 332; Miscellaneous Apparel 359.

TABLE 7:
APPAREL - COTTON
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS [a]	66.4	58.1	54.0	50.5	53.5	60.9	73.1						416.5	346.9
BOTTOMS [b]	44.7	47.7	41.5	34.7	41.4	51.1	55.3						316.4	277.2
SUITS & COATS [c]	9.1	5.8	3.8	4.2	8.3	13.8	15.3						60.3	53.7
SWEATERS [d]	4.9	2.7	1.4	2.3	4.4	6.4	7.9						30.0	35.7
OTHER APPAREL [e]	12.4	9.9	10.3	8.6	8.8	8.9	8.5						67.4	67.1
TOTAL IMPORTS	**137.5**	**124.2**	**111.0**	**100.3**	**116.4**	**141.1**	**160.1**						**890.6**	**780.6**
EXPORTS														
TOPS [a]	7.0	7.2	9.1	8.2	8.7	8.9	8.1						57.2	47.0
BOTTOMS [b]	6.4	8.0	9.4	8.4	8.4	9.4	6.8						55.8	47.1
SUITS & COATS [c]	0.8	0.8	1.1	0.9	1.0	1.0	1.2						6.8	5.2
SWEATERS [d]	0.1	0.4	0.2	0.2	0.2	0.4	0.2						1.7	0.8
OTHER APPAREL [e]	2.7	2.6	2.8	2.6	2.9	3.2	2.2						19.0	18.0
TOTAL EXPORTS	**17.0**	**19.0**	**22.6**	**20.3**	**21.2**	**22.9**	**18.5**						**141.5**	**118.1**
BALANCE														
TOPS [a]	59.4 I	50.9 I	44.9 I	42.3 I	44.8 I	52.0 I	65.0 I						359.3 I	299.9 I
BOTTOMS [b]	38.3 I	39.7 I	32.1 I	26.3 I	33.0 I	41.7 I	48.5 I						259.6 I	230.1 I
SUITS & COATS [c]	8.3 I	5.0 I	2.7 I	3.3 I	7.3 I	12.8 I	14.1 I						53.5 I	48.5 I
SWEATERS [d]	4.8 I	2.3 I	1.2 I	2.1 I	4.2 I	6.0 I	7.7 I						28.3 I	34.9 I
OTHER APPAREL [e]	9.7 I	7.3 I	7.5 I	6.0 I	5.9 I	5.7 I	6.3 I						48.4 I	49.1 I
TOTAL BALANCE	**120.5 I**	**105.2 I**	**88.4 I**	**80.0 I**	**95.2 I**	**118.2 I**	**141.6 I**						**749.1 I**	**662.5 I**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Shirts & Blouses 338, 339, 340 & 341; Dresses 336; Underwear 349, 351 & 352.

b. Skirts 342; Trousers, Slacks & Shorts 347 & 348.

c. Suit-Type Coats 333; Coats 334, 335, 353 & 354.

d. Sweaters 345.

e. Handkerchiefs 330; Gloves & Mittens 331; Hosiery 332; Miscellaneous Apparel 359.

TABLE 8:
APPAREL - WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1989												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1989
IMPORTS													
TOPS [a]	2.1	1.8	1.5	1.7	2.5	3.2	3.7	4.1	3.3	3.4	2.4	1.9	31.6
BOTTOMS [b]	1.0	1.0	0.9	0.9	1.6	2.4	3.4	4.0	2.8	2.3	1.3	0.8	22.4
SUITS & COATS [c]	1.2	1.1	1.1	1.0	1.9	2.8	3.6	4.3	3.3	2.9	1.7	1.1	26.0
SWEATERS [d]	1.2	1.2	0.9	2.0	4.4	6.0	7.7	9.1	6.9	6.0	2.2	0.7	48.3
OTHER APPAREL [e]	0.2	0.2	0.2	0.2	0.3	0.6	0.9	0.8	0.5	0.4	0.2	0.2	4.7
TOTAL IMPORTS	**5.7**	**5.3**	**4.6**	**5.8**	**10.7**	**15.0**	**19.3**	**22.3**	**16.8**	**15.0**	**7.8**	**4.7**	**133.0**
EXPORTS													
TOPS [a]	+	0.1	+	+	0.1	+	+	+	0.1	+	+	+	0.3
BOTTOMS [b]	0.3	0.3	0.4	0.5	0.8	0.7	0.3	0.3	0.4	0.4	0.3	0.3	5.0
SUITS & COATS [c]	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.7	0.8	0.7	0.4	0.3	6.5
SWEATERS [d]	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.4	1.8
OTHER APPAREL [e]	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	1.9
TOTAL EXPORTS	**0.8**	**1.0**	**1.2**	**1.5**	**1.8**	**1.7**	**1.2**	**1.4**	**1.5**	**1.4**	**0.9**	**1.1**	**15.5**
BALANCE													
TOPS [a]	2.1 I	1.7 I	1.5 I	1.7 I	2.4 I	3.2 I	3.7 I	4.1 I	3.2 I	3.4 I	2.4 I	1.9 I	31.3 I
BOTTOMS [b]	0.7 I	0.7 I	0.5 I	0.4 I	0.8 I	1.7 I	3.1 I	3.7 I	2.4 I	1.9 I	1.0 I	0.5 I	17.4 I
SUITS & COATS [c]	0.9 I	0.7 I	0.6 I	0.4 I	1.3 I	2.2 I	3.0 I	3.6 I	2.5 I	2.2 I	1.3 I	0.8 I	19.5 I
SWEATERS [d]	1.1 I	1.1 I	0.8 I	1.8 I	4.3 I	5.8 I	7.6 I	8.9 I	6.8 I	5.9 I	2.1 I	0.3 I	46.5 I
OTHER APPAREL [e]	0.1 I	0.1 I	0	0	0.1 I	0.4 I	0.7 I	0.6 I	0.4 I	0.2 I	0.1 I	0.1 I	2.8 I
TOTAL BALANCE	**4.9 I**	**4.3 I**	**3.4 I**	**4.3 I**	**8.9 I**	**13.3 I**	**18.1 I**	**20.9 I**	**15.3 I**	**13.6 I**	**6.9 I**	**3.6 I**	**117.5 I**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Infantswear & Playsuits 439.

b. Skirts 442; Trousers, Slacks & Shorts 447 & 448; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443 & 444; Suit-Type Coats 433; Coats 434 & 435.

d. Sweaters 445 & 446.

e. Gloves & Mittens 431; Hosiery 432; Miscellaneous Apparel 459.

TABLE 9:
APPAREL - WOOL
IMPORTS, EXPORTS & BALANCE
MILLION POUNDS/RAW FIBER EQUIVALENT

COMMODITY	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
IMPORTS														
TOPS [a]	2.6	2.0	2.0	2.0	2.8	3.6	4.6						19.6	16.5
BOTTOMS [b]	1.2	0.9	0.7	0.9	1.7	2.2	3.6						11.2	11.2
SUITS & COATS [c]	1.1	0.8	0.9	0.9	1.3	2.6	4.1						11.7	12.7
SWEATERS [d]	1.1	0.8	0.8	1.2	2.3	3.6	5.4						15.2	23.4
OTHER APPAREL [e]	0.1	0.1	0.1	0.1	0.3	0.4	0.5						1.6	2.6
TOTAL IMPORTS	**6.1**	**4.6**	**4.5**	**5.1**	**8.4**	**12.4**	**18.2**						**59.3**	**66.4**
EXPORTS														
TOPS [a]	0.2	0.1	0.1	0.1	0.1	0.1	+						0.7	0.2
BOTTOMS [b]	0.3	0.3	0.4	0.4	0.8	0.6	0.8						3.6	3.3
SUITS & COATS [c]	0.5	0.7	0.7	1.0	0.7	0.9	0.7						5.2	3.6
SWEATERS [d]	0.1	0.4	0.1	0.2	0.3	0.5	0.2						1.8	0.9
OTHER APPAREL [e]	0.1	0.2	0.2	0.1	0.2	0.2	0.2						1.2	1.2
TOTAL EXPORTS	**1.2**	**1.7**	**1.5**	**1.8**	**2.1**	**2.3**	**1.9**						**12.5**	**9.2**
BALANCE														
TOPS [a]	2.4 I	1.9 I	1.9 I	1.9 I	2.7 I	3.5 I	4.6 I						18.9 I	16.3 I
BOTTOMS [b]	0.9 I	0.6 I	0.3 I	0.5 I	0.9 I	1.6 I	2.8 I						7.6 I	7.9 I
SUITS & COATS [c]	0.6 I	0.1 I	0.2 I	0.1 E	0.6 I	1.7 I	3.4 I						6.5 I	9.1 I
SWEATERS [d]	1.0 I	0.4 I	0.7 I	1.0 I	2.0 I	3.1 I	5.2 I						13.4 I	22.5 I
OTHER APPAREL [e]	0	0.1 E	0.1 E	0	0.1 I	0.2 I	0.3 I						0.4 I	1.4 I
TOTAL BALANCE	**4.9 I**	**2.9 I**	**3.0 I**	**3.3 I**	**6.3 I**	**10.1 I**	**16.3 I**						**46.8 I**	**57.2 I**

NOTE: Industrial, Home Textiles and Other Manufactured Products will be published at a later date.

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Outlook & Situation.***

Includes Department of Commerce, OTEXA Categories:

a. Infantswear & Playsuits 439.

b. Skirts 442; Trousers, Slacks & Shorts 447 & 448; Wool Shirts & Blouses 438 & 440; Wool Dresses 436.

c. Suits 443 & 444; Suit-Type Coats 433; Coats 434 & 435.

d. Sweaters 445 & 446.

e. Gloves & Mittens 431; Hosiery 432; Miscellaneous Apparel 459.

TABLE 10:
LOCATION OF AMERICAN FIBER PRODUCT-MANUFACTURING PLANTS

STATES & AREA	ARTIFICIAL (CELLULOSIC) [a]	SYNTHETIC (NONCELLULOSIC)						GLASS FIBER	GRAND TOTAL
		ACRYLIC [b]	NYLON [c]	OLEFIN	POLYESTER	OTHER [d]	TOTAL		
NEW ENGLAND									
CONNECTICUT				1			1		1
MAINE				1	1		2		2
MASSACHUSETTS				4	1	1	6		6
RHODE ISLAND				2			2		2
VERMONT			1	1	1		3		3
TOTAL NEW ENGLAND			**1**	**9**	**3**	**1**	**14**		**14**
MID-ATLANTIC									
DELAWARE			1				1		1
MARYLAND			1	1	1	1	4		4
NEW JERSEY				1	2		3		3
NEW YORK			2	2	1	1	6	1	7
PENNSYLVANIA					1		1	1	2
TOTAL MID-ATLANTIC			**4**	**4**	**5**	**2**	15	**2**	**17**
PIEDMONT									
N. CAROLINA			3	11	9	2	25	2	27
S. CAROLINA	1	1	11	10	9	1	32	3	36
VIRGINIA	1	2	7	5	3	2	19		20
WEST VIRGINIA			1		2		3		3
TOTAL PIEDMONT	**2**	**3**	**22**	**26**	**23**	**5**	**79**	**5**	**86**
SOUTH									
ALABAMA	1	2	2	5	1		10		11
FLORIDA		1	2	2			5	1	6
GEORGIA			4	29	3		36		36
LOUISIANA				2			2		2
MISSISSIPPI				2			2		2
TENNESSEE	3		2	4	3		9	1	13
TEXAS								3	3
TOTAL SOUTH	**4**	**3**	**10**	**44**	**7**		**64**	**5**	**73**
MID-WEST & WEST									
CALIFORNIA				2			2		2
IOWA			1	1			2		2
KANSAS				1			1		1
MICHIGAN				1			1		1
MINNESOTA				1			1		1
OHIO				1			1	3	4
OREGON				1			1		1
UTAH				2			2		2
WASHINGTON				1			1		1
WISCONSIN				1			1		1
TOTAL MIDWEST & WEST			**1**	**12**			**13**	**3**	**16**
TOTAL NUMBER OF PLANTS	**6**	**6**	**38**	**95**	**38**	**8**	**185**	**15**	**206**
TOTAL NUMBER OF STATES	**4**	**4**	**13**	**27**	**14**	**6**	**30**	**8**	**31**

a. Artificial (Cellulosic) includes rayon, acetate and triacetate.
b. Acrylic includes modacrylic.
c. Nylon includes 1 aramid.
d. Other includes 1 fluorocarbon, 1 PBI, 1 polycarbonate, 1 saran, 3 spandex and 1 sulfar.

TABLE 11:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	67	3	1	89	68	83	159	69	0				539	187
BRAZIL	26	53	53	74	165	107	82	83	75				718	567
CANADA	628	303	171	405	377	432	350	555	647				3868	5455
CHILE	0	309	66	44	287	44	111	0	132				993	268
GERMANY, FED. REP. OF	422	516	844	684	783	506	528	557	1044				5884	5599
IRELAND	145	0	36	35	34	36	105	0	36				427	561
JAPAN	104	72	111	104	170	164	29	117	63				934	1071
KOREA, REP. OF	0	22	33	22	29	0	11	0	22				139	180
MEXICO	102	4	121	78	100	116	149	171	37				878	1291
NETHERLANDS	282	264	345	178	275	483	317	444	211				2799	2344
UNITED KINGDOM	34	22	60	0	38	52	51	64	30				351	821
ALL OTHER COUNTRIES [a]	21	56	22	49	25	42	37	87	83				422	1069
TOTAL ARTIFICIAL YARN	1831	1624	1863	1762	2351	2065	1929	2147	2380				17952	19413
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	319	493	108	1254	910	2497	1851	2076	1630				11138	3160
CANADA	4973	3854	4391	4333	4128	4049	4139	3767	3470				37104	28859
GERMANY, FED. REP. OF	89	134	257	322	347	243	484	760	706				3342	1235
JAPAN	143	204	126	131	238	69	176	144	191				1422	1842
POLAND	124	171	43	46	0	109	35	0	0				528	275
SWEDEN	118	71	49	72	0	4	24	199	0				537	115
SWITZERLAND	0	27	0	14	0	0	0	41	54				136	524
TAIWAN	354	988	1323	964	1732	1242	1294	1576	1637				11110	904
UNITED KINGDOM	89	93	73	37	162	46	917	1116	906				3439	981
ALL OTHER COUNTRIES [b]	95	59	91	18	32	866	3074	2860	2286				9381	2859
TOTAL ARTIFICIAL STAPLE+TOW	6304	6094	6461	7191	7549	9125	11994	12539	10880				78137	40754
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
ARGENTINA	0	0	43	34	9	0	81	26	0				193	2564
BELGIUM	776	122	589	594	1384	786	322	457	539				5569	2573
BRAZIL	70	71	57	180	118	76	47	14	14				647	1050
CANADA	3834	2895	4150	3775	4492	3853	4734	5215	3831				36779	28104
COSTA RICA	762	517	497	462	787	470	366	294	518				4673	4404
ECUADOR	53	16	67	67	75	34	68	34	34				448	479
FRANCE	2007	1305	1065	1378	1223	1302	915	495	193				9883	9100
GERMANY, FED. REP. OF	2096	2021	1480	1546	2024	1917	2195	2261	1579				17119	22343
ITALY	892	434	593	905	861	313	755	313	217				5283	5777
JAPAN	760	658	505	573	356	622	469	615	347				4905	6221
KOREA, REP. OF	31	0	90	20	46	42	72	39	81				421	435
MEXICO	1393	900	1607	1396	1145	1967	2063	1966	1611				14048	20855
NETHERLANDS	103	305	921	219	117	195	231	209	193				2493	1507
PORTUGAL	62	234	49	42	62	0	0	0	0				449	340
SINGAPORE	16	16	0	0	33	0	33	0	0				98	139
TAIWAN	791	227	114	818	437	959	315	542	579				4782	15304
THAILAND	58	93	95	123	64	65	66	79	92				735	835
UNITED KINGDOM	1881	1492	2076	1029	1282	1718	1195	1140	1149				12962	14279
ALL OTHER COUNTRIES [c]	351	85	147	79	79	91	122	194	163				1311	3415
TOTAL SYNTHETIC YARN	15936	11391	14145	13240	14594	14410	14049	13893	11140				122798	139724
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	0	53	11	11	6	14	6	0	244				345	116
AUSTRALIA	38	120	30	72	63	106	89	88	139				745	560
BELGIUM	1	16	0	158	0	78	15	350	0				618	756
CANADA	3703	2439	3082	2325	2156	1402	1950	2210	2016				21283	9968
FRANCE	592	297	769	436	558	364	529	368	259				4172	2673
GERMANY, FED. REP. OF	1017	1236	1063	1205	1618	1398	1044	964	904				10449	13519
INDIA	1731	1055	4215	0	2528	1752	1810	599	0				13690	16285
IRELAND	0	26	0	0	0	84	80	121	118				429	1449
ITALY	422	318	534	204	206	176	85	88	82				2115	1750
JAPAN	1754	1763	2307	1539	1531	1874	2013	2150	1935				16866	19329
KOREA, REP. OF	1786	1273	1778	2043	3441	4750	4477	3887	6448				29883	34979
MEXICO	3590	2041	2015	2355	3385	1382	932	1002	1546				18248	5912
NETHERLANDS	1	0	57	20	10	20	0	24	7				139	1478
SPAIN	35	0	0	0	0	93	32	29	69				258	418
SWITZERLAND	399	124	87	385	107	280	105	220	176				1883	1322
TAIWAN	888	572	931	1400	1476	1215	1458	1365	1452				10757	12601
TURKEY	112	114	0	0	0	0	76	0	366				668	361
UNITED KINGDOM	2249	1868	2834	2159	2242	1157	828	841	1828				16006	16262
ALL OTHER COUNTRIES [d]	549	326	137	92	219	1362	1099	25	49				3858	565
TOTAL SYNTHETIC STAPLE+TOW	18867	13641	19850	14404	19546	17507	16628	14331	17638				152412	140303

a. Italy 92, Ecuador 67, India 60, Hungary 53, France 39, Australia 35, Taiwan 22, Belgium 20, Uruguay 13, Turkey 12, Thailand 6, Hong Kong 1, Peru 1, Venezuela 1.

b. Finland 3669, Spain 2107, Thailand 1746, Yugoslavia 919, China, PRC 351, Italy 151, Mexico 119, Venezuela 116, Netherlands 106, France 87, Brazil 7, Czechoslovakia 3.

c. Ireland 309, Spain 268, Switzerland 109, El Salvador 105, Turkey 101, Paraguay 83, Sweden 75, Hong Kong 47, Morocco 47, Austria 45, Finland 32, Peru 22, China, PRC 19, India 15, Yugoslavia 8, Greece 6, Haiti 6, Colombia 5, Honduras 5, Australia 2, Dominican Republic 2.

d. Brazil 2308, Venezuela 395, China, PRC 321, Thailand 209, Malaysia 184, Sweden 180, Romania 86, Denmark 64, Hong Kong 64, Poland 47.

TABLE 12:
U.S. MANUFACTURED FIBER IMPORTS
THOUSAND POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	242	208	240	163	110	92	266	421	166				1908	1872
TEXTURED	54	8	0	33	32	81	32	43	72				355	1062
OTHER	1385	1371	1471	1528	2171	1855	1524	1682	2100				15087	15611
MONOFILAMENTS & STRIPS	150	37	152	38	38	37	107	1	42				602	868
SUBTOTAL ABOVE	**1831**	**1624**	**1863**	**1762**	**2351**	**2065**	**1929**	**2147**	**2380**				**17952**	**19413**
STAPLE	5989	5884	6154	6846	7218	8895	11534	11829	10270				74619	40239
TOW	312	210	307	342	331	230	460	710	610				3512	460
TOPS	3	0	0	3	0	0	0	0	0				6	55
SUBTOTAL ABOVE	**6304**	**6094**	**6461**	**7191**	**7549**	**9125**	**11994**	**12539**	**10880**				**78137**	**40754**
WASTE	**0**	**0**	**0**	**22**	**0**	**88**	**44**	**11**	**168**				**333**	**538**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	1435	856	1437	1000	1336	1220	1207	1272	1301				11064	13891
TEXTURED														
UP TO 450 DENIER	270	333	253	338	520	212	297	327	279				2829	2911
OVER 450 DENIER	2936	1350	2132	3039	3721	3074	3821	2935	2316				25324	9954
POY	0	0	0	0	0	0	1712	2149	1417				5278	
OTHER	4531	3817	4273	2090	2435	3285	340	579	67				21417	36030
MONOFILAMENTS & STRIPS	216	117	148	191	134	164	152	123	55				1300	933
SUBTOTAL ABOVE	**9388**	**6473**	**8243**	**8658**	**8146**	**7955**	**7529**	**7385**	**5435**				**67212**	**63719**
POLYESTER														
HIGH TENACITY	614	408	506	421	345	457	545	580	712				4588	6255
TEXTURED	785	643	626	923	581	1368	1278	1112	1021				8337	16019
POY	719	119	117	758	251	716	206	472	495				3853	14294
OTHER	2038	1457	1459	1683	1949	1300	1243	1839	1363				14331	13836
MONOFILAMENTS & STRIPS	53	0	67	40	53	38	57	76	102				486	637
SUBTOTAL ABOVE	**4209**	**2627**	**2775**	**3825**	**3179**	**3879**	**3329**	**4079**	**3693**				**31595**	**51041**
OTHER SYNTHETIC FILAMENT														
TEXTURED	1451	1408	2224	1880	2281	1847	2207	1905	1393				16596	15136
OTHER	277	223	301	276	307	324	410	284	207				2609	4575
MONOFILAMENTS & STRIPS	611	660	602	601	681	405	574	540	412				5086	5253
SUBTOTAL ABOVE	**2339**	**2291**	**3127**	**2757**	**3269**	**2576**	**3191**	**2729**	**2012**				**24291**	**24964**
STAPLE														
NYLON	4048	3037	4055	3032	3267	2179	2715	3119	2750				28202	14206
POLYESTER	9261	5813	9622	6652	12118	11296	10832	8084	10869				84547	85120
ACRYLIC	1711	1729	2063	1586	860	1458	1273	890	1315				12885	13141
POLYPROPYLENE	543	37	160	27	105	90	173	168	5				1308	1463
OTHER	196	190	320	146	151	362	251	256	326				2198	3522
TOW														
NYLON	409	308	555	385	603	471	647	408	277				4063	3057
POLYESTER	15	70	70	2	26	174	161	146	114				778	825
ACRYLIC	2512	1973	2649	2252	2133	1350	513	967	1862				16211	15873
OTHER	70	5	35	105	135	0	6	67	0				423	412
TOPS	102	479	321	217	148	127	57	226	120				1797	2684
SUBTOTAL ABOVE	**18867**	**13641**	**19850**	**14404**	**19546**	**17507**	**16628**	**14331**	**17638**				**152412**	**140303**
WASTE														
NYLON	2694	2074	1628	1933	1267	1940	2123	1864	1127				16650	16892
POLYESTER	2703	2241	1882	1067	3127	2128	1675	1978	1522				18323	10319
OTHER	444	571	1027	602	838	876	568	819	718				6463	4918
TOTAL MANUFACTURED FIBERS ABOVE	**48779**	**37636**	**46856**	**40221**	**49272**	**48139**	**49010**	**47882**	**45573**				**413368**	**372861**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	115	59	54	62	59	121	89	147	89				795	932
SPUN YARN	427	503	318	594	534	436	436	608	542				4398	4001
SPUN YARNS														
SYNTHETIC	2420	2155	2639	1902	2841	2270	1903	1731	1521				19382	40428
ARTIFICIAL	0	0	0	0	0	0	0	0	0				0	0
PUT UP FOR RETAIL SALE	32	24	70	34	87	88	106	156	65				662	500
GRAND TOTAL ABOVE	**51773**	**40377**	**49937**	**42813**	**52793**	**51054**	**51544**	**50524**	**47790**				**438605**	**418722**

SOURCE: U.S. Census Bureau Report IM145X.

TABLE 13:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1990												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1990	1989
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	92	37	44	6	45	157	260	52	160				853	408
TEXTURED	217	9	30	284	101	114	104	92	9				960	1628
OTHER	66	106	57	64	46	18	63	64	49				533	958
MONOFILAMENTS & STRIPS	97	0	15	11	26	3	9	15	21				197	239
SUBTOTAL ABOVE	**472**	**152**	**146**	**365**	**218**	**292**	**436**	**223**	**239**				**2543**	**3233**
STAPLE	1195	2051	1838	1329	1645	1171	1168	1717	661				12775	16049
TOPS	333	0	203	187	185	58	0	110	86				1162	573
SUBTOTAL ABOVE	**1528**	**2051**	**2041**	**1516**	**1830**	**1229**	**1168**	**1827**	**747**				**13937**	**16622**
WASTE	**330**	**407**	**614**	**547**	**603**	**587**	**329**	**471**	**673**				**4561**	**9371**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	7757	7357	9332	8892	15463	10230	8865	10506	11992				90394	83741
TEXTURED														
UP TO 450 DENIER	1571	588	626	2098	791	751	644	867	732				8668	6881
OVER 450 DENIER	5636	4353	5225	4130	3350	4019	3295	4157	3642				37807	37616
OTHER	2637	2264	3143	2401	2191	2066	1248	2562	2389				20901	18491
MONOFILAMENTS & STRIPS	8	32	93	33	42	35	14	12	29				298	1765
SUBTOTAL ABOVE	**17609**	**14594**	**18419**	**17554**	**21837**	**17101**	**14066**	**18104**	**18784**				**158068**	**148494**
POLYESTER														
HIGH TENACITY	4308	5166	5459	4737	3944	4664	3644	3610	3649				39181	30005
TEXTURED	3074	3021	4078	3508	3650	4310	1507	3938	4030				31116	25918
POY	1831	2368	1287	1783	2918	1306	749	966	438				13846	10722
OTHER	1297	1746	1824	1275	2294	1566	1061	2504	1899				15466	7996
MONOFILAMENTS & STRIPS	185	285	91	93	188	186	116	137	180				1461	2364
SUBTOTAL ABOVE	**10695**	**12586**	**12739**	**11396**	**12994**	**12032**	**7077**	**11155**	**10196**				**100870**	**77005**
OTHER SYNTHETIC FILAMENT														
TEXTURED	535	523	549	801	424	434	461	758	669				5154	7489
OTHER	2035	2007	2279	2972	4061	1909	1369	2229	1447				20308	14358
MONOFILAMENTS & STRIPS	876	913	1664	1218	1223	1230	831	1160	643				9758	7131
SUBTOTAL ABOVE	**3446**	**3443**	**4492**	**4991**	**5708**	**3573**	**2661**	**4147**	**2759**				**35220**	**28958**
STAPLE														
NYLON	3163	2765	2343	3257	2210	1729	1591	1908	2150				21116	25430
POLYESTER	7157	6405	9490	7701	8861	6382	4256	5919	6006				62177	92295
ACRYLIC	4584	3178	3882	3936	4697	6363	4961	6581	3974				42156	57809
POLYPROPYLENE	2038	1561	2666	3226	2211	2805	2562	2342	1981				21392	23062
OTHER	2688	923	1504	961	1818	1062	802	1559	879				12196	16010
TOW														
NYLON	121	176	155	304	145	191	152	128	140				1512	615
POLYESTER	18	64	0	100	6	52	321	54	36				651	3308
ACRYLIC	1710	1787	989	956	1245	1506	2418	2856	4306				17773	13563
OTHER	26	12	15	243	0	679	7	504	22				1508	1033
TOPS	3984	2729	2309	4760	2552	4741	7817	5715	6128				40735	16553
SUBTOTAL ABOVE	**25489**	**19600**	**23353**	**28444**	**23745**	**25510**	**24887**	**27586**	**25622**				**221216**	**249678**
WASTE														
NYLON	4117	4250	3894	2746	3957	3139	3630	2527	3173				31433	20638
POLYESTER	3268	2845	2782	3321	2596	1833	1190	1860	3163				22858	32674
OTHER	3343	3700	4979	4352	4994	6193	3494	7610	7618				46283	57948
TOTAL MANUFACTURED FIBERS ABOVE	**70297**	**63628**	**73459**	**72232**	**78482**	**71489**	**58938**	**75490**	**72974**				**636989**	**644621**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	28	45	32	25	68	13	128	3	58				400	447
SPUN YARN	0	0	0	0	0	0	0	0	0				0	0
SPUN YARNS														
SYNTHETIC	3007	4304	3749	4278	4103	3890	3415	5684	5207				37637	26704
ARTIFICIAL	0	0	0	0	0	0	0	0	0				0	0
PUT UP FOR RETAIL SALE	287	398	641	746	789	715	970	927	1209				6682	5577
GRAND TOTAL ABOVE	**73619**	**68375**	**77881**	**77281**	**83442**	**76107**	**63451**	**82104**	**79448**				**681708**	**677349**

SOURCE: U.S. Census Bureau Report EM522.

TABLE 14:
QUARTERLY MANUFACTURED FIBER DATA

MILLION POUNDS

ITEM	1988 1ST Q	1988 2ND Q	1988 3RD Q	1988 4TH Q	1988 YEAR	1989 1ST Q	1989 2ND Q	1989 3RD Q	1989 4TH Q	1989 YEAR	1990 1ST Q	1990 2ND Q	1990 3RD Q	1990 4TH Q	1990 YEAR
						YARN+MONOFILAMENTS									
ARTIFICIAL (CELLULOSIC) YARN [d]															
PRODUCTION	49.1	54.4	54.9	55.5	213.9	52.7	55.8	56.7	52.3	217.5	46.8	52.3	53.6		
SHIPMENTS - DOMESTIC	41.4	47.3	45.8	48.1	182.6	46.0	50.3	45.6	45.4	187.3	40.1	43.3	45.3		
- EXPORT	8.7	7.9	10.0	7.5	34.1	6.8	7.9	8.4	8.6	31.7	7.8	9.1	8.7		
TOTAL SHIPMENTS	50.1	55.2	55.8	55.6	216.7	52.8	58.2	54.0	54.0	219.0	47.9	52.4	54.0		
ENDING STOCK	13.2	12.4	11.5	11.4		11.3	8.9	11.6	9.9		8.8	8.7	8.3		
IMPORTS	4.0	4.0	4.4	5.2	17.6	6.3	5.9	1.3	6.8	26.3	5.3	6.2	6.5		
TOTAL AVAILABLE	45.4	51.3	50.2	53.3	200.2	52.3	56.2	52.9	52.2	213.6	45.4	49.5	51.8		
NYLON															
PRODUCTION	431.7	440.0	428.8	427.0	1727.5	436.9	447.5	434.8	440.0	1759.2	428.3	438.1	408.2		
SHIPMENTS - DOMESTIC	387.8	395.4	391.1	398.1	1572.4	387.9	399.7	400.9	386.8	1575.3	382.5	383.2	377.8		
- EXPORT	39.6	38.1	41.5	46.8	166.0	42.7	38.9	34.8	40.4	156.8	37.9	38.4	43.0		
TOTAL SHIPMENTS	427.4	433.5	432.6	444.9	1738.4	430.6	438.6	435.7	427.2	1732.1	420.4	421.6	420.8		
ENDING STOCK	140.5	147.0	143.2	125.3		131.6	140.5	139.6	152.4		160.3	176.8	164.2		
OLEFIN [e]															
PRODUCTION	307.6	313.8	296.6	306.1	1224.1	313.8	324.6	310.4	308.4	1257.2	339.7	366.7	359.5		
SHIPMENTS - DOMESTIC	303.5	307.7	288.8	299.8	1199.8	308.0	315.5	301.6	300.9	1226.0	335.8	365.4	356.5		
- EXPORT	2.7	5.9	6.0	5.2	19.8	5.2	6.4	7.2	3.7	22.5	4.6	5.5	5.6		
TOTAL SHIPMENTS	306.2	313.6	294.8	305.0	1219.6	313.2	321.9	308.8	304.6	1248.5	340.4	370.9	362.1		
ENDING STOCK	54.3	54.5	56.3	57.4		58.0	60.7	62.3	66.1		65.4	61.2	58.6		
POLYESTER															
PRODUCTION	284.5	313.5	304.6	326.2	1228.8	314.4	325.3	306.4	262.9	1209.0	262.1	280.0	267.7		
SHIPMENTS - DOMESTIC	266.7	291.9	278.2	320.6	1157.4	292.0	303.6	264.1	251.0	1110.7	241.7	271.9	259.9		
- EXPORT	18.8	17.8	16.7	21.4	74.7	16.0	13.1	13.3	16.2	58.6	16.7	20.9	19.2		
TOTAL SHIPMENTS	285.5	309.7	294.9	342.0	1232.1	308.0	316.7	277.4	267.2	1169.3	258.4	292.8	279.1		
ENDING STOCK	108.3	112.1	121.8	106.0		112.4	121.0	150.0	145.7		149.4	136.6	125.2		
TOTAL SYNTHETIC (NONCELLULOSIC) ABOVE															
PRODUCTION	1023.8	1067.3	1030.0	1059.3	4180.4	1065.1	1097.4	1051.6	1011.3	4225.4	1030.1	1084.8	1035.4		
SHIPMENTS - DOMESTIC	958.0	995.0	958.1	1018.5	3929.6	987.9	1018.8	966.6	938.7	3912.0	960.0	1020.5	994.2		
- EXPORT	61.1	61.8	64.2	73.4	260.5	63.9	58.4	55.3	60.3	237.9	59.2	64.8	67.8		
SHIPMENTS	1019.1	1056.8	1022.3	1091.9	4190.1	1051.8	1077.2	1021.9	999.0	4149.9	1019.2	1085.3	1062.0		
ENDING STOCK	303.1	313.6	321.3	288.7		302.0	322.2	351.9	364.2		375.1	374.6	348.0		
DOMESTIC SHIPMENTS	958.0	995.0	958.1	1018.5	3929.6	987.9	1018.8	966.6	938.7	3912.0	960.0	1020.5	994.2		
IMPORTS -TEXTURED YARN [b]	15.7	14.7	16.1	14.1	60.6	14.4	14.7	15.0	11.8	55.9	14.4	19.8	18.9		
-OTHER YARN [b]	11.2	11.1	11.9	13.4	47.6	23.3	33.0	32.5	28.6	117.4	24.6	20.2	18.4		
-MONOFILAMENTS	1.8	2.3	2.0	2.0	8.1	1.2	1.6	4.0	2.1	8.9	2.5	2.3	2.0		
TOTAL IMPORTS	28.7	28.1	30.0	29.5	116.3	38.9	49.3	51.5	42.5	182.2	41.5	42.3	39.3		
TOTAL AVAILABLE	986.7	1023.1	988.1	1048.0	4045.9	1026.8	1068.1	1018.1	981.2	4094.2	1001.5	1062.8	1033.5		
						GLASS FIBER									
TOTAL SHIPMENTS	386.4	415.2	405.9	380.2	1587.7	394.2	399.3	363.4	373.2	1530.1	374.5	414.6	388.3		

FOOTNOTES FOR TABLE ABOVE & OPPOSITE:

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Also include film fiber as well as spunbonded polypropylene.

b. Includes singles and plied.

c. For 1988, these figures are composites of the nylon, acrylic+modacrylic and polyester staple imports, i.e., Commodity Numbers 309.4331, .4351, .4336 & .4361. For 1989-1990 Harmonized Tariff Schedule numbers, please see pages 73-79 of the April 1989 ***Fiber Organon.***

d. Includes both rayon & acetate yarn.

e. For 1988, these figures are composites of olefin and other staple imports, i.e., Commodity Numbers 309.4371, .4341 & .4390. For 1989-1990, Harmonized Tariff Schedule numbers, please see pages 73-79 of the April 1989 ***Fiber Organon.***

TABLE 14:
QUARTERLY MANUFACTURED FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1988 1ST Q	1988 2ND Q	1988 3RD Q	1988 4TH Q	1988 YEAR	1989 1ST Q	1989 2ND Q	1989 3RD Q	1989 4TH Q	1989 YEAR	1990 1ST Q	1990 2ND Q	1990 3RD Q	1990 4TH Q	1990 YEAR
						STAPLE+TOW									
RAYON															
PRODUCTION	**106.6**	**101.2**	**99.4**	**92.6**	**399.8**	**100.8**	**101.2**	**83.2**	**77.6**	**362.8**	**73.3**	**72.0**	**74.2**		
SHIPMENTS -DOMESTIC	101.9	102.0	94.0	88.1	386.0	99.7	91.7	76.6	70.2	338.2	77.6	71.6	72.3		
-EXPORT	5.1	6.1	5.5	3.8	20.5	3.4	5.4	4.3	3.1	16.2	4.1	4.3	2.8		
TOTAL SHIPMENTS	**107.0**	**108.1**	**99.5**	**91.9**	**406.5**	**103.1**	**97.1**	**80.9**	**73.3**	**354.4**	**81.7**	**75.9**	**75.1**		
ENDING STOCK	**20.3**	**13.4**	**13.3**	**14.0**		**11.7**	**15.8**	**18.1**	**22.4**		**14.0**	**10.1**	**9.2**		
DOMESTIC SHIPMENTS	101.9	102.0	94.0	88.1	386.0	99.7	91.7	76.6	70.2	338.2	77.6	71.6	72.3		
IMPORTS FOR CONSUMPTION															
STAPLE	3.2	3.8	5.5	6.5	19.0	} 15.1	13.3	12.4	13.2	54.0	18.9	23.9	35.4		
GROUPED FILAMENTS	0.2	0.3	0.5	0.4	1.4										
TOTAL IMPORTS	3.4	4.1	6.0	6.9	20.4	15.1	13.3	12.4	13.2	54.0	18.9	23.9	35.4		
TOTAL AVAILABLE	**105.3**	**106.1**	**100.0**	**95.0**	**406.4**	**114.8**	**105.0**	**89.0**	**83.4**	**392.2**	**96.5**	**95.5**	**107.7**		
NYLON															
PRODUCTION	**231.5**	**235.9**	**226.6**	**247.8**	**941.8**	**252.9**	**242.0**	**241.0**	**244.8**	**980.7**	**237.0**	**273.0**	**242.8**		
SHIPMENTS -DOMESTIC	239.4	223.9	241.6	240.0	944.9	242.0	231.2	245.8	236.3	955.3	242.6	243.1	235.7		
-EXPORT	4.3	4.3	4.9	5.5	19.0	7.5	4.8	5.4	5.5	23.2	7.1	6.5	6.1		
TOTAL SHIPMENTS	**243.7**	**228.2**	**246.5**	**245.5**	**963.9**	**249.5**	**236.0**	**251.2**	**241.8**	**978.5**	**249.7**	**249.6**	**241.8**		
ENDING STOCK	**57.5**	**65.2**	**45.3**	**47.6**		**51.0**	**57.0**	**46.8**	**49.8**		**37.1**	**60.5**	**61.5**		
IMPORTS	4.9	5.1	5.4	6.5	21.9	6.4	5.4	5.4	8.9	26.1	12.4	9.9	9.9		
TOTAL AVAILABLE	**244.3**	**229.0**	**247.0**	**246.5**	**966.8**	**248.4**	**236.6**	**251.2**	**245.2**	**981.4**	**255.0**	**253.0**	**245.6**		
ACRYLIC+MODACRYLIC															
PRODUCTION	**148.8**	**150.9**	**141.5**	**146.9**	**588.1**	**144.3**	**145.6**	**129.4**	**123.4**	**542.7**	**129.6**	**136.9**	**129.0**		
SHIPMENTS -DOMESTIC	109.0	109.3	107.3	95.5	421.1	112.9	112.4	102.8	86.7	414.8	98.8	94.0	84.0		
-EXPORT	47.7	29.1	39.8	52.5	169.1	23.6	32.5	30.0	36.5	122.5	24.5	32.5	42.2		
TOTAL SHIPMENTS	**156.7**	**138.4**	**147.1**	**148.0**	**590.2**	**136.5**	**144.9**	**132.8**	**123.2**	**537.4**	**123.3**	**126.5**	**126.2**		
ENDING STOCK	**55.4**	**67.9**	**62.3**	**61.2**		**69.0**	**69.7**	**66.3**	**66.5**		**72.8**	**83.2**	**86.0**		
IMPORTS	3.3	4.4	3.3	4.3	15.3	9.4	11.1	8.5	8.5	37.5	12.6	9.6	6.8		
TOTAL AVAILABLE	**112.3**	**113.7**	**110.6**	**99.8**	**436.4**	**122.3**	**123.5**	**111.3**	**95.2**	**452.3**	**111.4**	**103.6**	**90.8**		
OLEFIN															
PRODUCTION	**94.3**	**94.5**	**85.9**	**89.3**	**364.0**	**97.1**	**97.7**	**92.0**	**94.8**	**381.6**	**96.9**	**105.3**	**102.8**		
SHIPMENTS -DOMESTIC	83.8	87.6	84.8	88.0	344.2	91.6	93.5	91.4	86.9	363.4	94.0	102.0	96.8		
-EXPORT	5.6	5.8	4.4	3.8	19.6	3.1	3.7	3.4	3.8	14.0	6.0	6.2	6.3		
TOTAL SHIPMENTS	**89.4**	**93.4**	**89.2**	**91.8**	**363.8**	**94.7**	**97.2**	**94.8**	**90.7**	**377.4**	**100.0**	**108.2**	**103.1**		
ENDING STOCK	**35.0**	**36.1**	**32.8**	**30.3**		**32.8**	**33.3**	**30.5**	**34.6**		**31.5**	**28.6**	**28.3**		
POLYESTER															
PRODUCTION	**587.4**	**619.5**	**604.3**	**640.6**	**2451.8**	**609.4**	**648.8**	**591.0**	**536.1**	**2385.3**	**520.9**	**545.6**	**487.8**		
SHIPMENTS -DOMESTIC	558.3	572.5	551.2	629.8	2311.8	575.4	594.6	543.0	548.3	2261.3	502.6	510.9	494.2		
-EXPORT	27.8	31.1	38.2	40.0	137.1	34.9	21.7	20.1	16.8	93.5	15.3	15.2	19.0		
TOTAL SHIPMENTS	**586.1**	**603.6**	**589.4**	**669.8**	**2448.9**	**610.3**	**616.3**	**563.1**	**565.1**	**2354.8**	**517.9**	**526.1**	**513.2**		
ENDING STOCK	**157.8**	**173.7**	**188.6**	**159.4**		**158.5**	**191.0**	**218.9**	**189.9**		**192.9**	**212.4**	**187.0**		
IMPORTS	15.0	20.7	22.3	15.2	73.2	21.5	29.9	34.5	32.7	118.6	24.9	30.3	30.2		
TOTAL AVAILABLE	**573.3**	**593.2**	**573.5**	**645.0**	**2385.0**	**596.9**	**624.5**	**577.5**	**581.0**	**2379.9**	**527.5**	**541.2**	**524.4**		
TOTAL SYNTHETIC (NONCELLULOSIC)															
PRODUCTION	**1062.0**	**1100.8**	**1058.3**	**1124.6**	**4345.7**	**1103.7**	**1134.1**	**1053.4**	**999.1**	**4290.3**	**984.4**	**1060.8**	**962.4**		
SHIPMENTS -DOMESTIC	990.5	993.3	984.9	1053.3	4022.0	1021.9	1031.7	983.0	958.2	3994.8	938.0	950.0	910.7		
-EXPORT	85.4	70.3	87.3	101.8	344.8	69.1	62.7	58.9	62.6	253.3	52.9	60.4	73.6		
TOTAL SHIPMENTS	**1075.9**	**1063.6**	**1072.2**	**1155.1**	**4366.8**	**1091.0**	**1094.4**	**1041.9**	**1020.8**	**4248.1**	**990.9**	**1010.4**	**984.3**		
ENDING STOCK	**305.7**	**342.9**	**329.0**	**298.5**		**311.3**	**351.0**	**362.5**	**340.8**		**334.3**	**384.7**	**362.8**		
DOMESTIC SHIPMENTS	990.5	933.3	984.9	1053.3	4022.0	1021.9	1031.7	983.0	958.2	3994.8	938.0	950.0	910.7		
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE [c]	23.2	30.2	31.0	26.0	110.4	37.3	46.4	48.4	50.1	182.2	49.9	49.8	46.9		
OTHER N.C. STAPLE [e]	5.6	5.7	4.3	4.2	19.8	} 3.7	2.8	1.7	2.0	10.2	2.5	1.7	1.7		
GROUPED FILAMENTS	14.5	17.8	15.7	17.8	65.8										
TOTAL IMPORTS	43.3	53.7	51.0	48.0	196.0	41.0	49.2	50.1	52.1	192.4	52.4	51.5	48.6		
TOTAL AVAILABLE	**1033.8**	**1047.0**	**1035.9**	**1101.3**	**4218.0**	**1062.9**	**1080.9**	**1033.1**	**1010.3**	**4187.2**	**990.4**	**1001.5**	**959.3**		

See footnotes on opposite page.

TABLE 15:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1990	1989
MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]														
ARTIFICIAL (CELLULOSIC)														
YARN	15.1	15.4	17.4	18.1	17.4	16.9	19.1	17.3	17.6	19.3			173.6	184.9
RAYON STAPLE	30.1	25.3	26.3	28.2	25.1	22.6	24.8	25.0	25.3	28.5			261.2	307.9
TOTAL ARTIFICIAL (CELLULOSIC)	45.2	40.7	43.7	46.3	42.5	39.5	43.9	42.3	42.9	47.8			434.8	492.8
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	24.9	30.3	28.4	28.4	28.8	27 6	24.9	30.6	32.5	28.5			284.9	304.0
- CARPET	86.5	81.1	82.2	85.6	80.1	75.8	71.8	88.4	80.7	86.0			818.2	807.7
- TEXTILE	28.9	28.2	29.9	32.0	32.0	31.3	29.0	31.0	31.9	32.7			306.9	334.5
POLYESTER - INDUSTRIAL[d]	27.2	28.6	31.8	32.9	30.1	30.2	28.1	29.4	28.3	32.7			299.3	306.4
- TEXTILE[f]	56.6	56.2	58.0	69.8	68.4	61.4	59.2	68.9	65.2	67.2			630.9	688.5
OLEFIN[e]	107.2	116.5	116.7	124.2	124.5	122.2	113.3	124.1	124.7	123.8			1197.2	1051.1
TOTAL YARN	331.3	340.9	347.0	372.9	363.9	348.5	326.3	372.4	363.3	370.9			3537.4	3492.2
STAPLE+TOW+FIBERFILL														
NYLON	88.8	74.9	86.0	85.0	87.0	77.6	72.2	87.7	81.9	89.1			830.2	822.6
ACRYLIC+MODACRYLIC	40.4	39.7	43.2	39.7	43.0	43.8	38.6	45.5	42.1	40.1			416.1	458.2
POLYESTER	168.9	175.7	173.3	182.2	176.3	167.6	156.3	178.5	178.4	207.6			1764.8	1990.6
OLEFIN	30.3	34.4	35.3	35.1	36.0	37.1	31.5	36.9	34.7	34.4			345.7	320.0
TOTAL STAPLE	328.4	324.7	337.8	342.0	342.3	326.1	298.6	348.6	337.1	371.2			3356.8	3591.4
TOTAL SYNTHETIC (NONCELLULOSIC)	659.7	665.6	684.8	714.9	706.2	674.6	624.9	721.0	700.4	742.1			6894.2	7083.6
TOTAL MANUFACTURED FIBER	704.9	706.3	728.5	761.2	748.7	714.1	668.8	763.3	743.3	789.9			7329.0	7576.4
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	9.7	9.9	8.8	9.1	7.6	8.7	8.9	8.3	8.3	8.6			8.6	10.2
RAYON STAPLE	20.2	17.2	14.0	14.2	11.9	10.1	12.4	10.6	9.2	8.8			8.8	18.0
TOTAL ARTIFICIAL (CELLULOSIC)	29.9	27.1	22.8	23.3	19.5	18.8	21.3	18.9	17.5	17.4			17.4	28.2
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	36.8	33.7	33.4	36.0	30.1	35.7	42.2	36.9	34.6	30.4			30.4	30.4
- CARPET	60.5	61.2	62.6	63.2	65.4	78.2	82.3	70.2	71.7	75.8			75.8	51.5
- TEXTILE[f]	57.0	59.9	64.3	63.5	63.5	62.9	62.1	60.2	57.9	50.9			50.9	55.3
POLYESTER - INDUSTRIAL[d]	39.3	40.6	39.5	39.2	37.9	35.8	35.6	35.5	38.7	38.1			38.1	33.9
- TEXTILE[f]	94.5	104.9	109.9	106.4	99.7	100.8	100.2	91.5	86.5	90.1			90.1	117.7
OLEFIN[e]	68.1	66.6	65.4	63.3	63.2	61.2	59.5	58.6	58.6	57.3			57.3	62.6
TOTAL YARN	356.2	366.9	375.1	371.6	359.8	374.6	381.9	352.9	348.0	342.6			342.6	351.4
STAPLE+TOW+FIBERFILL														
NYLON	40.1	40.5	37.1	44.3	47.7	60.5	65.3	59.6	61.5	59.4			59.4	48.8
ACRYLIC+MODACRYLIC	69.5	70.9	72.8	75.3	78.9	83.2	87.0	86.3	86.0	81.2			81.2	67.2
POLYESTER	193.5	195.1	192.9	217.4	210.8	212.4	216.8	197.1	187.0	171.6			171.6	219.7
OLEFIN	34.6	33.4	31.5	29.8	28.5	28.6	29.8	29.6	28.3	28.3			28.3	33.2
TOTAL STAPLE	337.7	339.9	334.3	366.8	365.9	384.7	398.9	372.6	362.8	340.5			340.5	368.9
TOTAL SYNTHETIC (NONCELLULOSIC)	693.9	706.8	709.4	738.4	725.7	759.3	780.8	725.5	710.8	683.1			683.1	720.3
TOTAL MANUFACTURED FIBER	723.8	733.9	732.2	761.7	745.2	778.1	802.1	744.4	728.3	700.5			700.5	748.5
COTTON CONSUMPTION														
RAW COTTON	317.3	332.1	365.9	327.8	336.8	381.0	293.7	281.8	382.2				3018.6	3018.5
WOOL CONSUMPTION[g]	1ST QUARTER		2ND QUARTER		3RD QUARTER			4TH QUARTER						
APPAREL CLASS WOOL	31.7		32.4										64.1	69.9
CARPET CLASS WOOL	3.8		3.6										7.4	7.2
TOTAL RAW WOOL	35.5		36.0										71.5	77.1

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.
g. **Wool data for 1990 available on a quarterly basis only.**

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